

CD RECEIVER

KDC-7009/7060R/RV

SERVICE MANUAL

KENWOOD

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B51-7268-00 (N) 3027

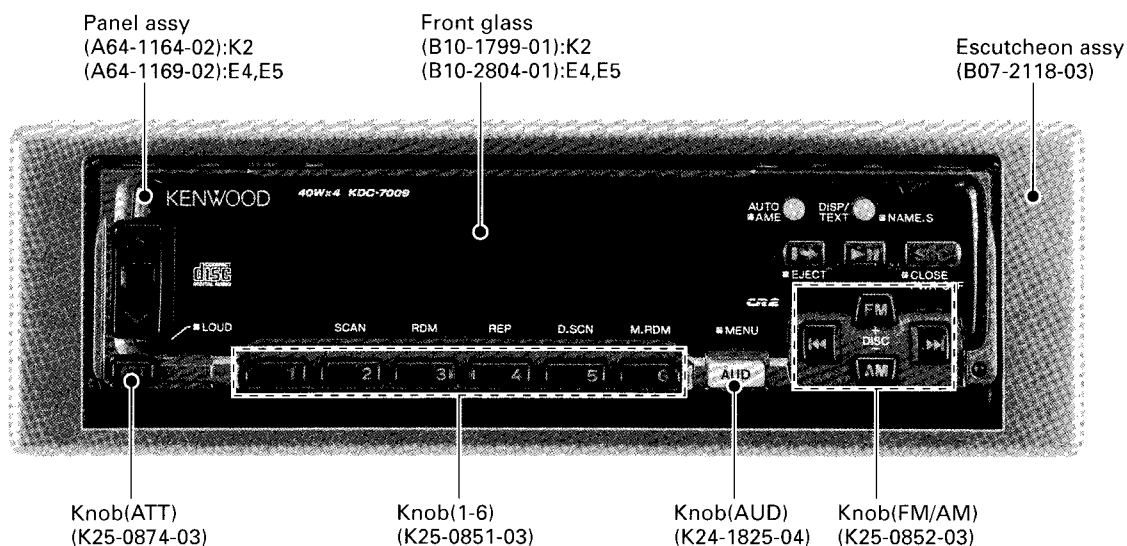
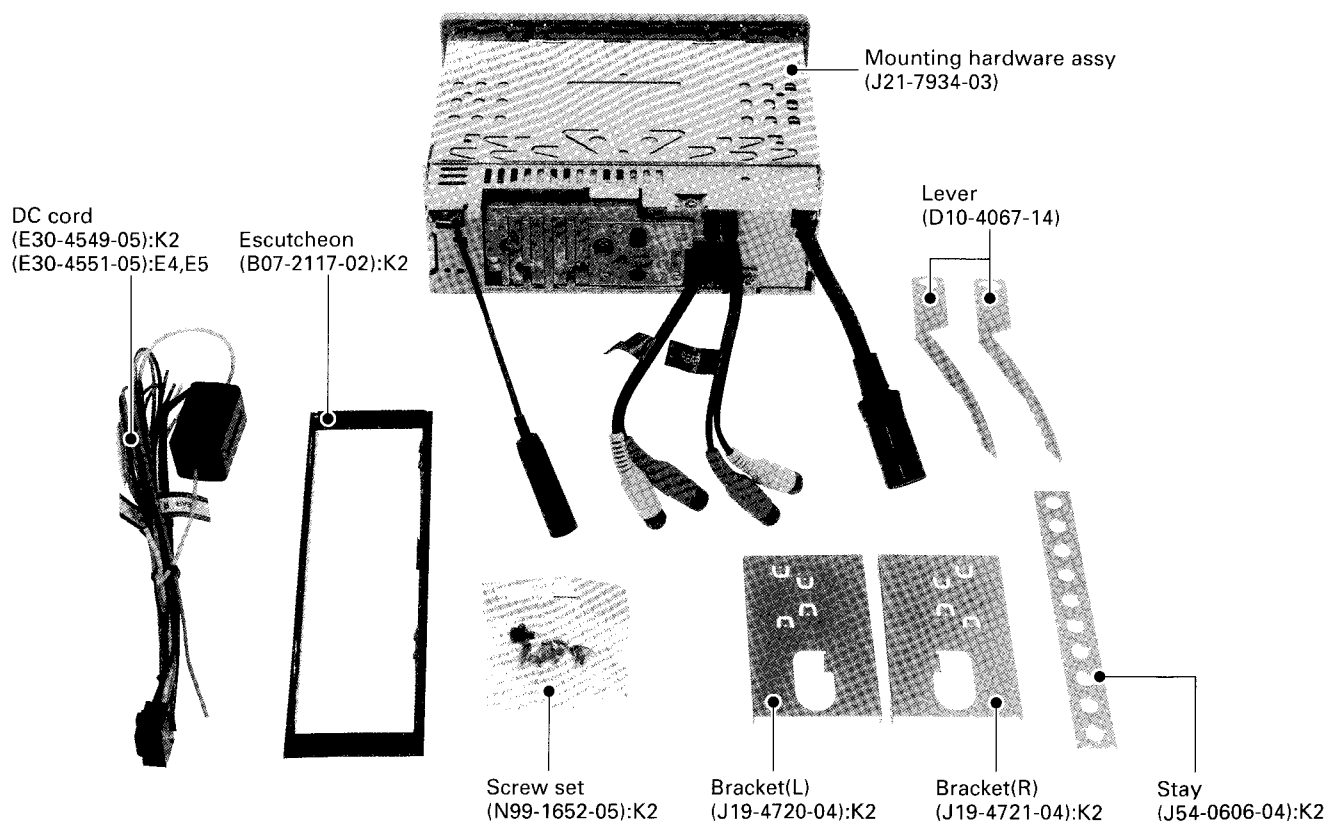


Photo is KDC-7009



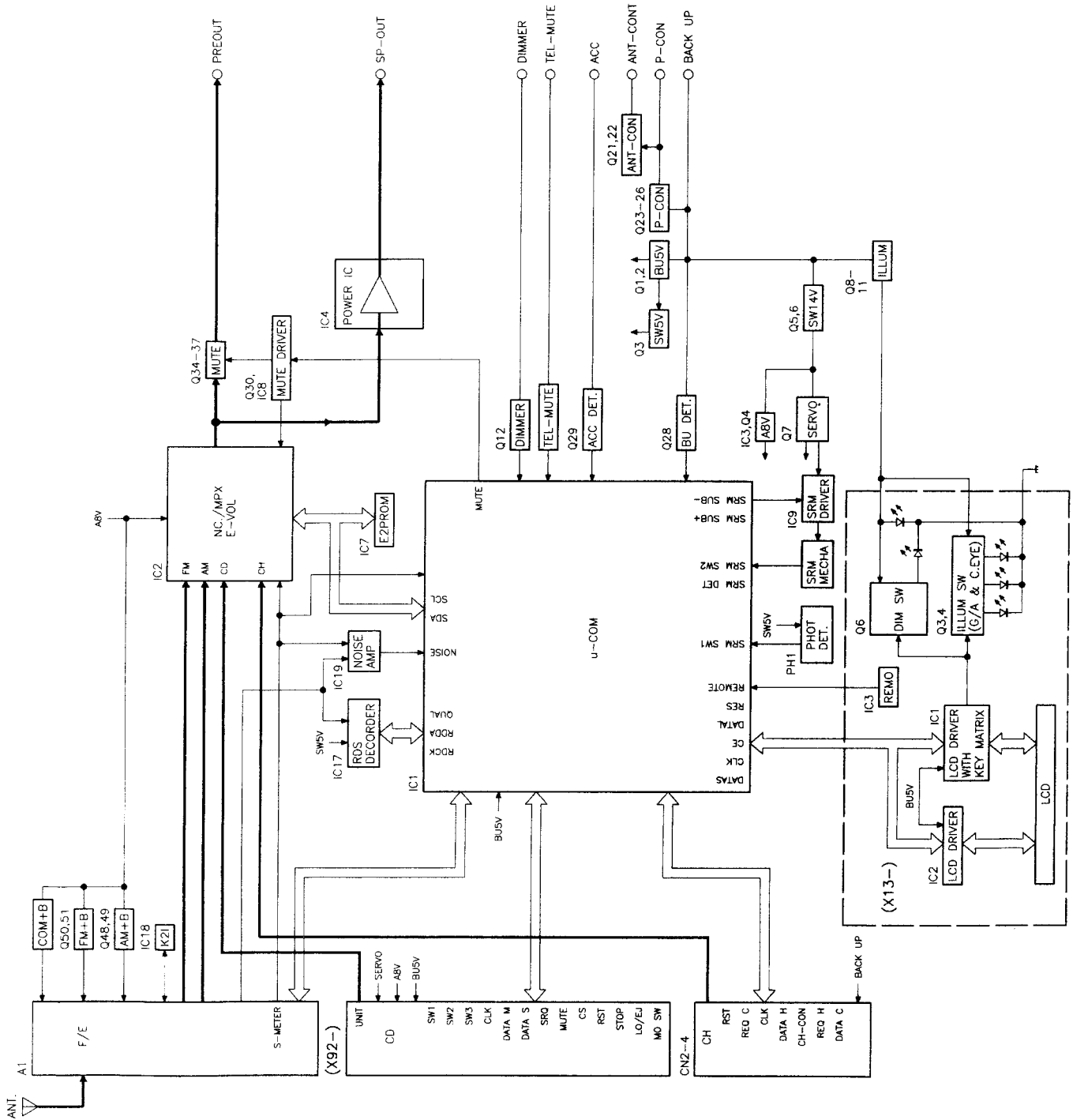
KDC-7009/7060R/RV

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KDC-7009/7060R/RV

BLOCK DIAGRAM



KDC-7009/7060R/R

CIRCUIT DESCRIPTION

Microprocessor : μ PD784215GF514 (IC1, X25-)

Terminal description

No.	Pin name	Port name	I/O	Function	Active
1	P60/A16	TYPE0	I	Destination pin 0	
2	P61/A17	TYPE1	I	Destination pin 1	
3	P62/A18	TYPE2	I	Destination pin 2	
4	P63/A19	ST_TYPE0	I	IC2 Ver. 2 Destination pin 0	Default : Lo
5	P64/RD	ST_TYPE1	I	IC2 Ver. 2 Destination pin 1	Default : Lo
6	P65/WR	NC	O	Output open	
7	P66/WAIT	ANA_B	O	Spectrum analyzer frequency selection pin	
8	P67/ASTB	ANA_A	O	Spectrum analyzer frequency selection pin	
9	Vdd		-	Positive power supply pin	
10	P100/T15/T05	NC	O	Output open	
11	P101/T16/T06	SVR	O	Power IC reset pin	Power ON : Lo
12	P102/T17/T07	NC	O	Output open	
13	P103/T18/T08	P_MUTE	O	Power IC mute pin	Active : Hi
14	P30/TO0	ANT_CON	O	Antenna control pin	Active : Hi
15	P31/TO1	NC	O	Output open	
16	P32/TO2	DIMMER	I	Dimmer detection	Active : Lo
17	P33/TI1	P_CON	O	Power control pin	Active : Hi
18	P34/TI2	ACC_DED	I	ACC detection pin	ACC off : Hi
19	P35/TI00	REMO	I	Remote control input pin	
20	P36/TI01	P_ON	O	Microprocessor peripheral power supply pin	Active : Hi
21	P37/	BU_DED	I	Mute detection pin	Mute : Hi
22	TEST		-	Test pin	
23	P90	IC2_SDA	I/O	IC2, IC4, EEPROM data line	
24	P91	IC2_SCK	O	IC2, IC4, EEPROM clock line	
25	P92	MUTE	O	Mute pin	Active : Hi
26	P93	SW5	O	5V power supply pin	Active : Lo
27	P94	NC	O	Output open	
28	P95	CHCON2	O	Changer 2 control pin	Active : Lo
29	P120/RTP0	CHCON1	O	Changer 1 control pin	Active : Hi
30	P121/RTP1	CH_MUTE	I	Changer mute input pin	Mute request : Hi
31	P122/RTP2	REQH	O	Changer handshake request pin	Active : Lo
32	P123/RTP3	ILL_ON	O	Illumination output	Active : Hi
33	P124/RTP4	NC	O	Output open	
34	P125/RTP5	CD_SW2	I	12cm CD detect	ON : Lo
35	P126/RTP6	CD_SW1	I	Loading SW detection	ON : Lo
36	P127/RTP7	M_DATAM	I	Data line from CD mechanism	
37	Vdd		-	Positive power supply pin	
38	X2		-	Main clock connection	
39	X1		-	Main clock connection	
40	Vss		-	GND pin	
41	XT2		-	Sub clock connection pin	
42	XT1		-	Sub clock connection pin	
43	RESET		I	Reset input pin	Active : Lo
44	P00/INTP0	CH_RST	O	Changer reset output pin	Active : Hi
45	P01/INTP1	R_CLK	I	RDS clock input pin	
46	P02/INTP2/NMI	REQC	I	Changer handshake request pin	Active : Lo
47	P03/INTP3	NC	O	Output open	
48	P04/INTP4	M_CLK	O	Clock line to CD mechanism	
49	P05/INTP5	M_DATAS	O	Data line to CD mechanism	

KDC-7009/7060R/RV

CIRCUIT DESCRIPTION

No.	Pin name	Port name	I/O	Function	Active
50	P06/INTP6	M_SRQ	I	Handshake request from CD mechanism	
51	AVdd		-	A/D analog power supply pin	
52	AVref0		-	A/D reference voltage input pin	
53	P10/ANI0	PHONE	I	PHONE detection pin	1V or less : PHONE, 2.5V or greater : NAVI MUTE
54	P11/ANI1	SRM_SW1	I	SRM position detection pin	Open : Hi
55	P12/ANI2	NOISE	I	FM noise detection pin	
56	P13/ANI3	AMETER	I	FM S meter detection pin	
57	P14/ANI4	ANA_X	I	Spectrum analyzer input pin	
58	P15/ANI5	ANA_Y	I	Spectrum analyzer input pin	
59	P16/ANI6	IF_MODE	I	K2I IF mode detection pin	Wide : Hi, Narrow : Lo
60	P17/ANI7	M_MUTE	I	Mute request from CD mechanism	MUTE : Lo
61	AVss		-	A/D GND pin	
62	P130/ANO0	M_CS	O	Handshake request to CD mechanism	Handshake : Lo
63	P131/ANO1	M_RST	O	Reset to CD mechanism	RESET : Lo
64	AVref1		-	D/A reference voltage input pin	
65	P70/RxD2/SI2	DATA_C	I	Data line from changer	
66	P71/TxD2/SO2	DATA_H	O	Data line to changer	
67	P72/ASCK2/SCK2	CH_CLK	I/O	Changer clock line	
68	P20/RxD1/SI1	L_DATA_L	I	Data line to LCD driver	
69	P21/TxD1/SO1	L_DATA_S	O	Data line from LCD driver	
70	P22/ASCK1/SCK1	L_CLK	O	LCD driver clock pin	
71	P23/PCL	M_STOP	O	Stop request to CD mechanism	STOP : Lo
72	P24/BUZ	BEEP	O	Beep detection pin	Active : Hi
73	P25/SI0	PLL_CE	O	PLL CE pin	
74	P26/SO0	PLL_DATA	O	PLL data input/output pin	
75	P27/SCK1	PLL_CLK	O	PLL clock pin	
76	P80/A0	CD_SW3	I	Down SW detection	ON : Hi
77	P81/A1	LO/EJ	I/O	Load/eject select	Load : L / EJ : Hi
78	P82/A2	MOSW	O	Sub motor control	Load : Hi / EJ : Lo
79	P83/A3	NC	O	Output open	
80	P84/A4	KEY_REQ	I	Key input request from LCD driver	Key : Hi
81	P85/A5	L_CE1	O	LCD driver CE pin	
82	P86/A6	L_INH	O	LCD driver reset pin	Reset : Lo
83	P87/A7	L_CE2	O	LCD driver CE pin	
84	P40/AD0	QUAL	I	RDS reception mode	
85	P41/AD1	R_DATA	I	RDS data input pin	
86	P42/AD2	SRM_SUB-	O	Panel motor control (SRM)	
87	P43/AD3	SRM_SUB+	O	Panel motor control (SRM)	
88	P44/AD4	SRM_DET	I	SRM mechanism detection pin	Mechanism : Lo, No mechanism : Hi
89	P45/AD5	SRM_SW2	I	SRM eject position detection pin	Startup : Eject position
90	P46/AD6	FM_SD	I	FM SD input pin	Station : Hi, No station : Lo
91	P47/AD7	NC	O	Output open	
92	P50/A8	AFC	O	Noise detection constant selection pin	Reception : Hi, Search : Lo
93	P51/A9	LO/DX	O	Local output pin	Local : Hi, Normal : Lo
94	P52/A10	WIDE	O	K2I forced wide output pin	Active : Hi
95	P53/A11	NORROW	O	K2I forced narrow output pin	Active : Hi
96	P54/A12	AM+B	O	AM power supply pin	Active : Hi
97	P55/A13	FM+B	O	FM power supply pin	Active : Hi
98	P56/A14	NC	O	Output open	
99	P57/A15	NC	O	Output open	
100	Vss		-	GND pin	

KDC-7009/7060R/R

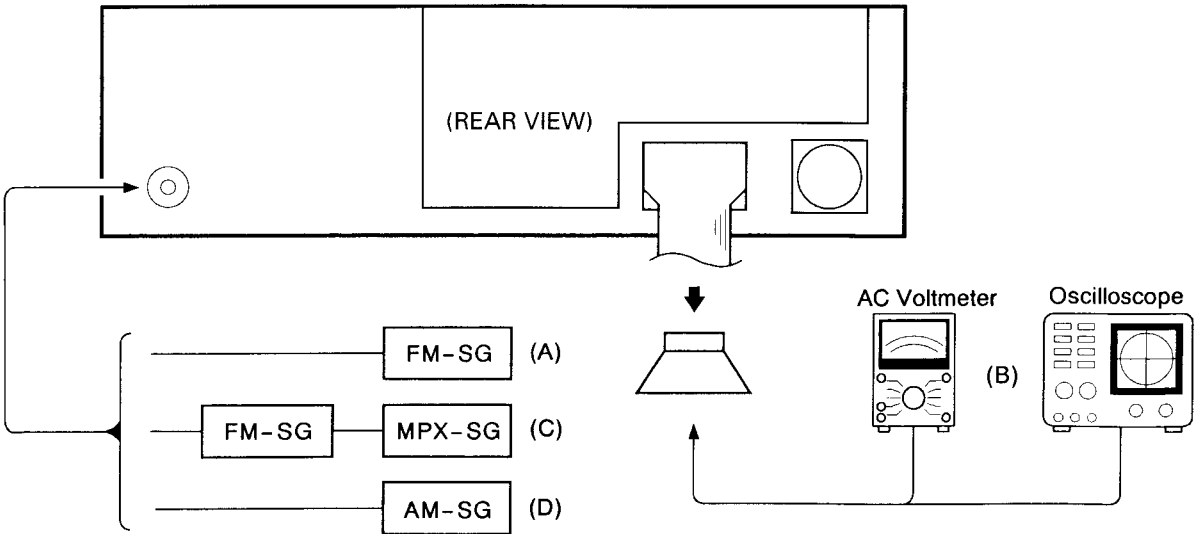
ADJUSTMENT

K,M type

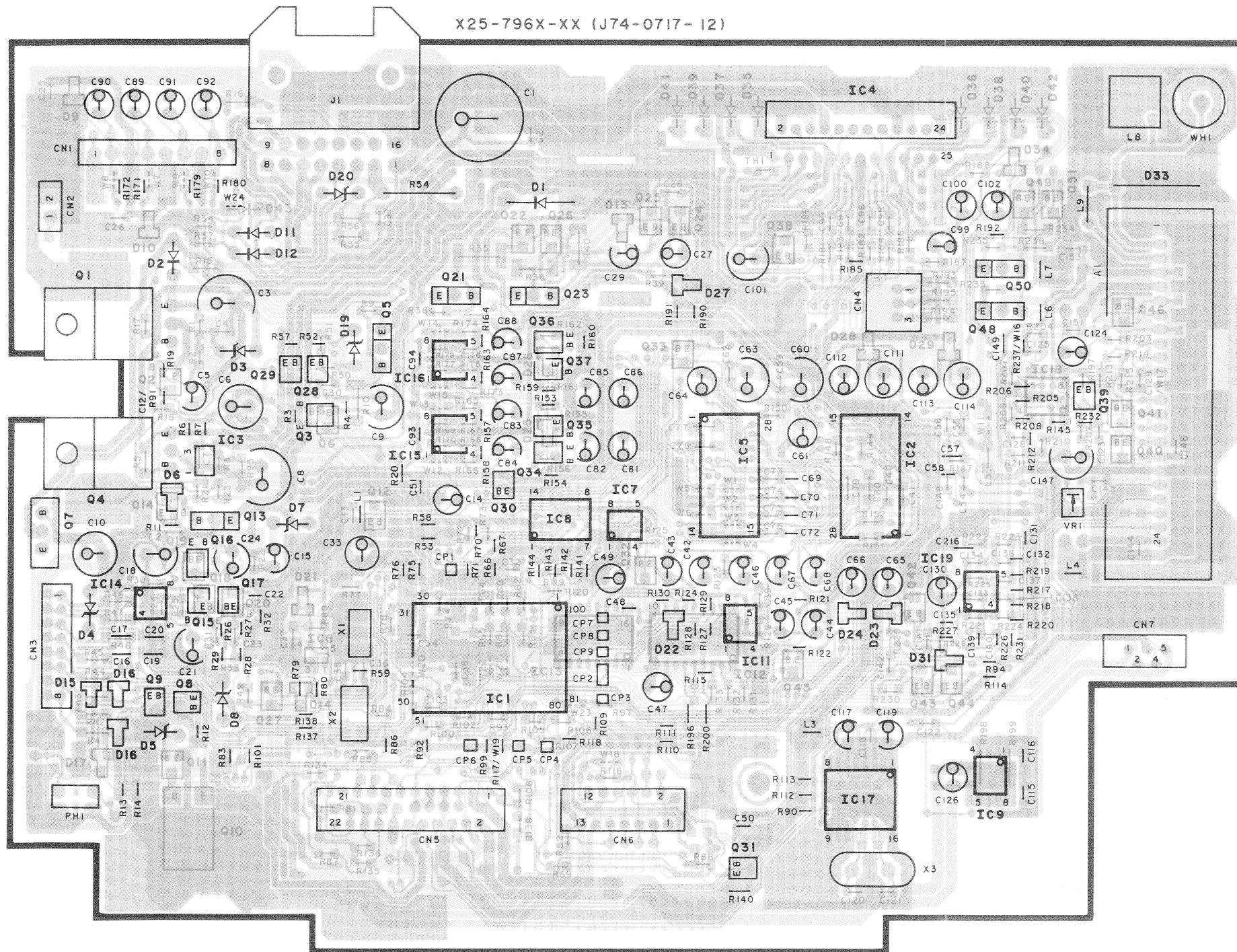
No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1.	SEPARATION	(C) 98.1MHz 1kHz, ±67kHz dev Pilot : ±7.5kHz dev Selector : L or R 60dBμ (ANT input)	(B)	FM 98.1MHz	VR1	Separation : MAX	

E type

No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1.	SEPARATION	(C) 98.1MHz 1kHz, ±40kHz dev Pilot : ±6.0kHz dev Selector : L or R 60dBμ (ANT input)	(B)	FM 98.1MHz	VR1	Separation : MAX	



PC BOARD (COMPONENT SIDE VIEW)



(X25-796X-XX)

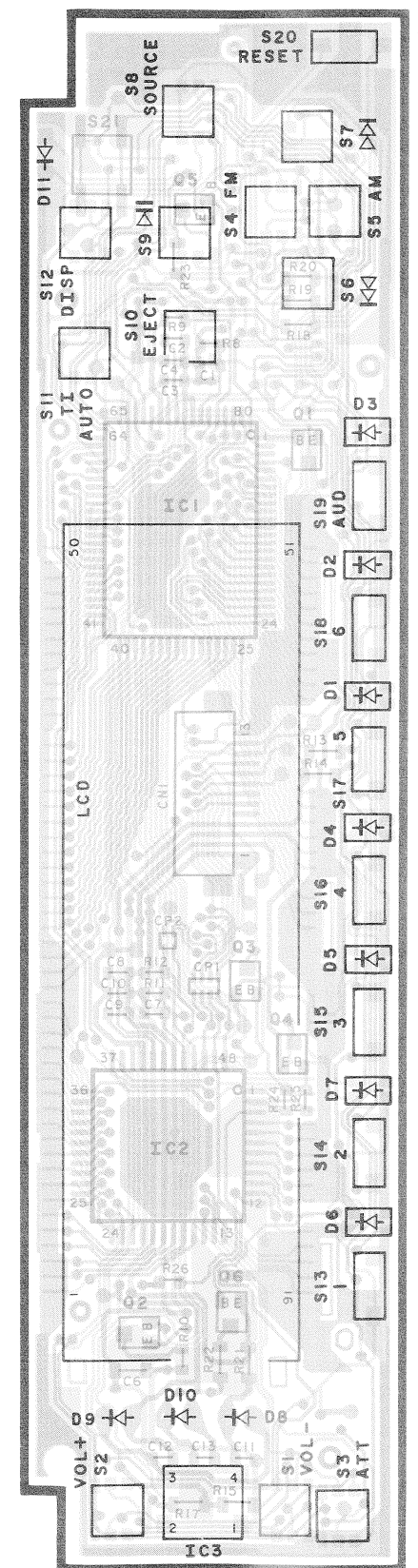
IC	1	2	3	4	6	7	8	9	17	18	19
address	5C	4E	4B	2E	5B	4D	4D	5F	5E	3F	4F

Q	1	2	3	4	5	6	7	8	9	10	11	12	21	22	23	24	25	26	27	28	29
address	3A	3B	4B	4A	3C	4B	4A	5B	5A	6B	5B	4C	3C	3C	3C	3D	3D	3C	5B	3B	3B

Q	30	31	33	34	35	36	37	38	39	40	41	42	43	44	45	46	48	49	50	51
address	4C	6D	3D	4C	4C	3C	3C	3E	3F	4F	4F	5E	5E	5E	5E	3F	3F	3F	3F	3F

Refer to the schematic diagram for the values of resistors and capacitors.

X13-9140-10 (J74-0718-12)

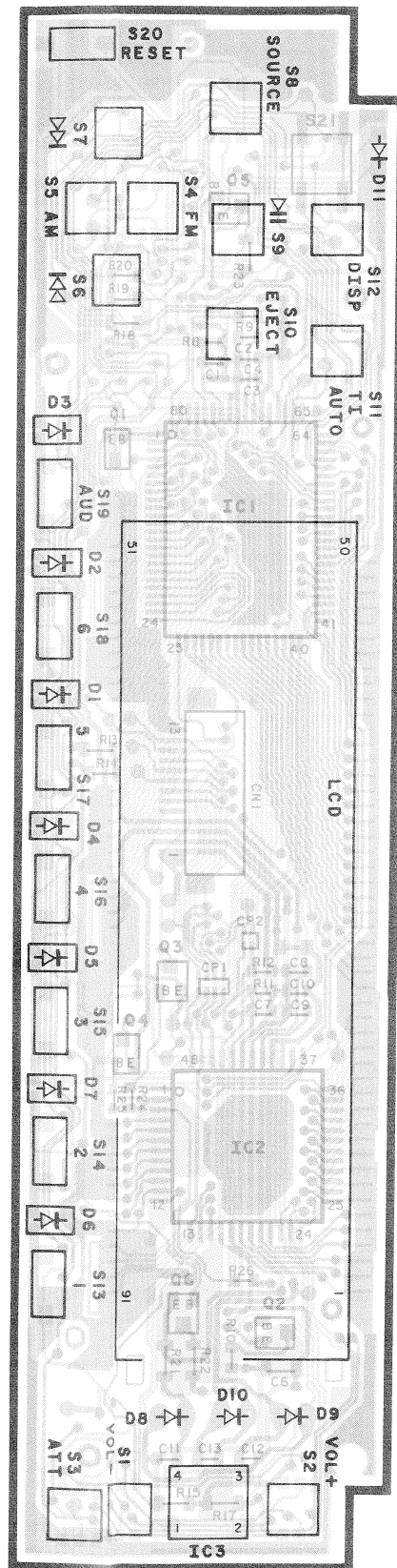


(X13-9140-10)

IC	Q	address
1		3I
2		5I
3		6I
1		3J
2		6I
3		5J
4		5J
5		2I
6		6J

PC BOARD (FOIL SIDE VIEW)

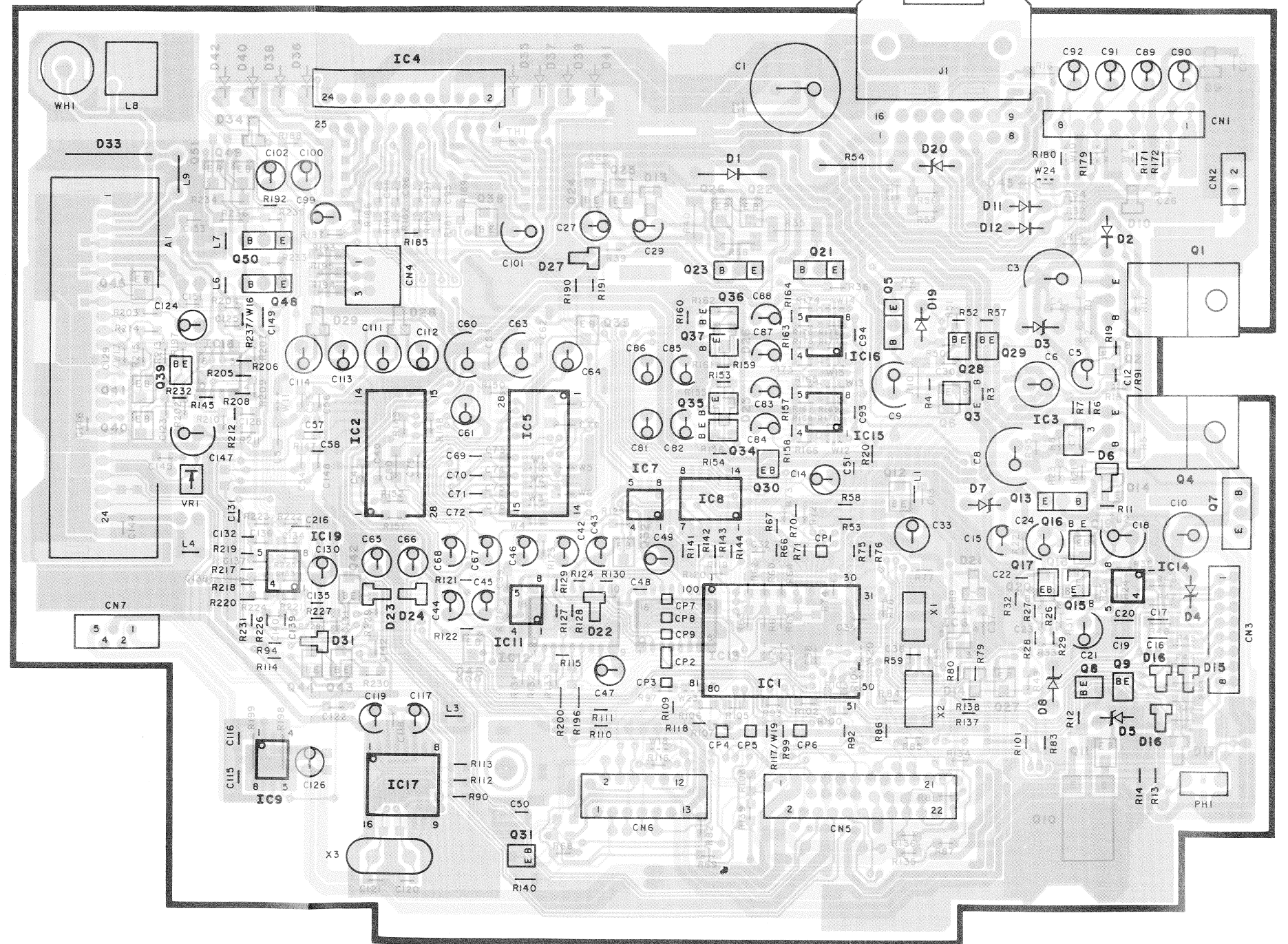
X13-9140-10 (J74-0718-12)



(X13-9140-10)

IC	Q	address
1		3L
2		5L
3		6L
1		3K
2		6L
3		5K
4		5K
5		2L
6		6K

X25-796X-XX (J74-0717-12)



(X25-796X-XX)

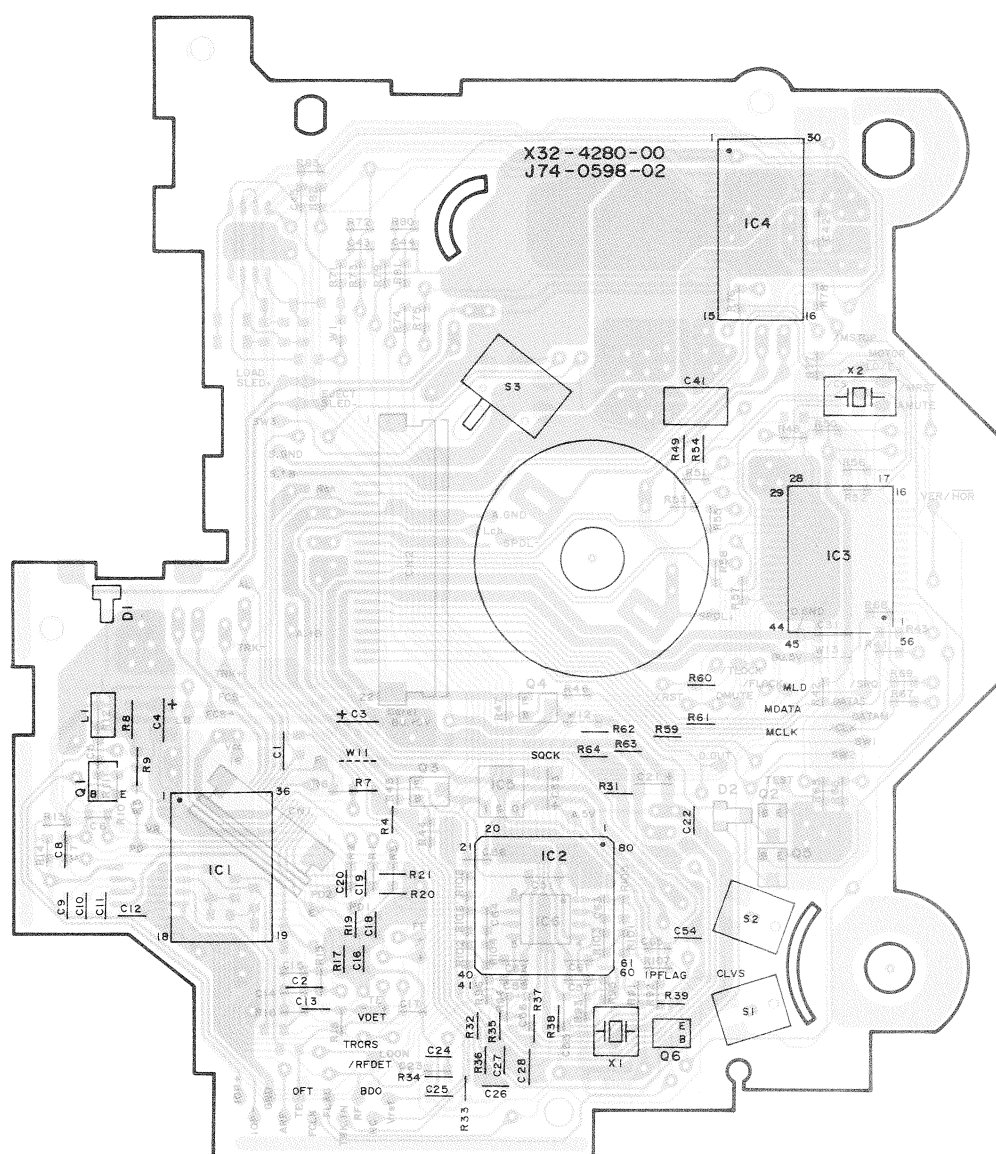
IC	1	2	3	4	6	7	8	9	17	18	19
address	5R	4P	4S	2P	5S	4Q	4Q	5O	5P	3O	4O

Q	1	2	3	4	5	6	7	8	9	10	11	12	21	22	23	24	25	26	27	28	29
address	3T	3S	4S	4T	3R	4S	4T	5S	5T	6S	5S	4R	3R	3R	3R	3Q	3Q	3R	5S	3S	3S

Q	30	31	33	34	35	36	37	38	39	40	41	42	43	44	45	46	48	49	50	51
address	4R	6Q	3Q	4R	4R	3R	3R	3P	3O	4O	4O	5P	5P	5P	5P	3O	3O	3O	3O	3O

Refer to the schematic diagram for the values of resistors and capacitors.

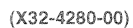
PC BOARD (COMPONENT SIDE VIEW)



(X32-4280-00)

IC	1	2	3	4	5	6						
Q							1	2	3	4	5	6
address	4V	5W	3X	2X	4W	5W	4V	4X	4W	4W	4X	5X

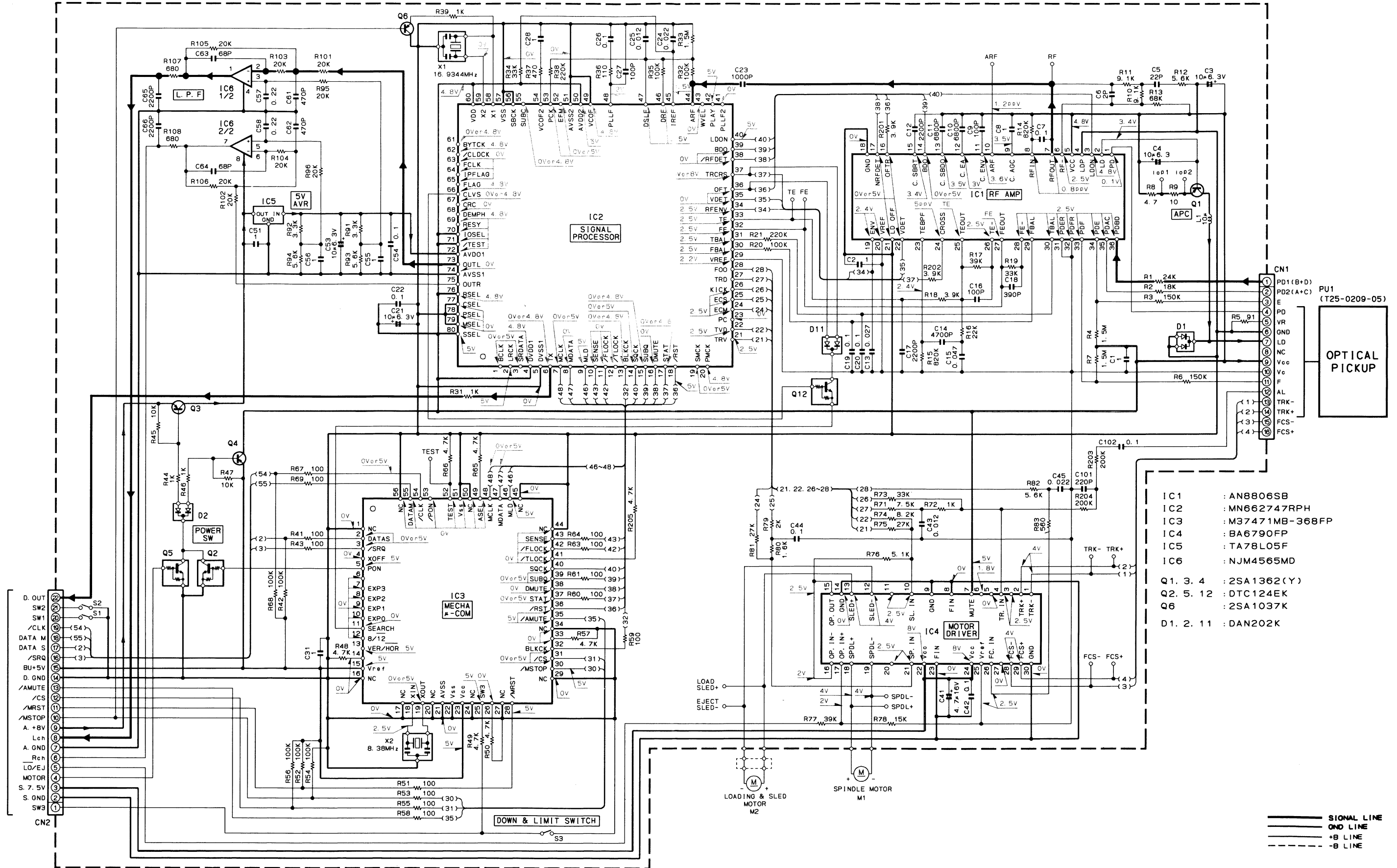
Refer to the schematic diagram for the values of resistors and capacitors.



IC	1	2	3	4	5	6
Q						
address	4AC	5AB	3AA	2AA	4AB	5AB

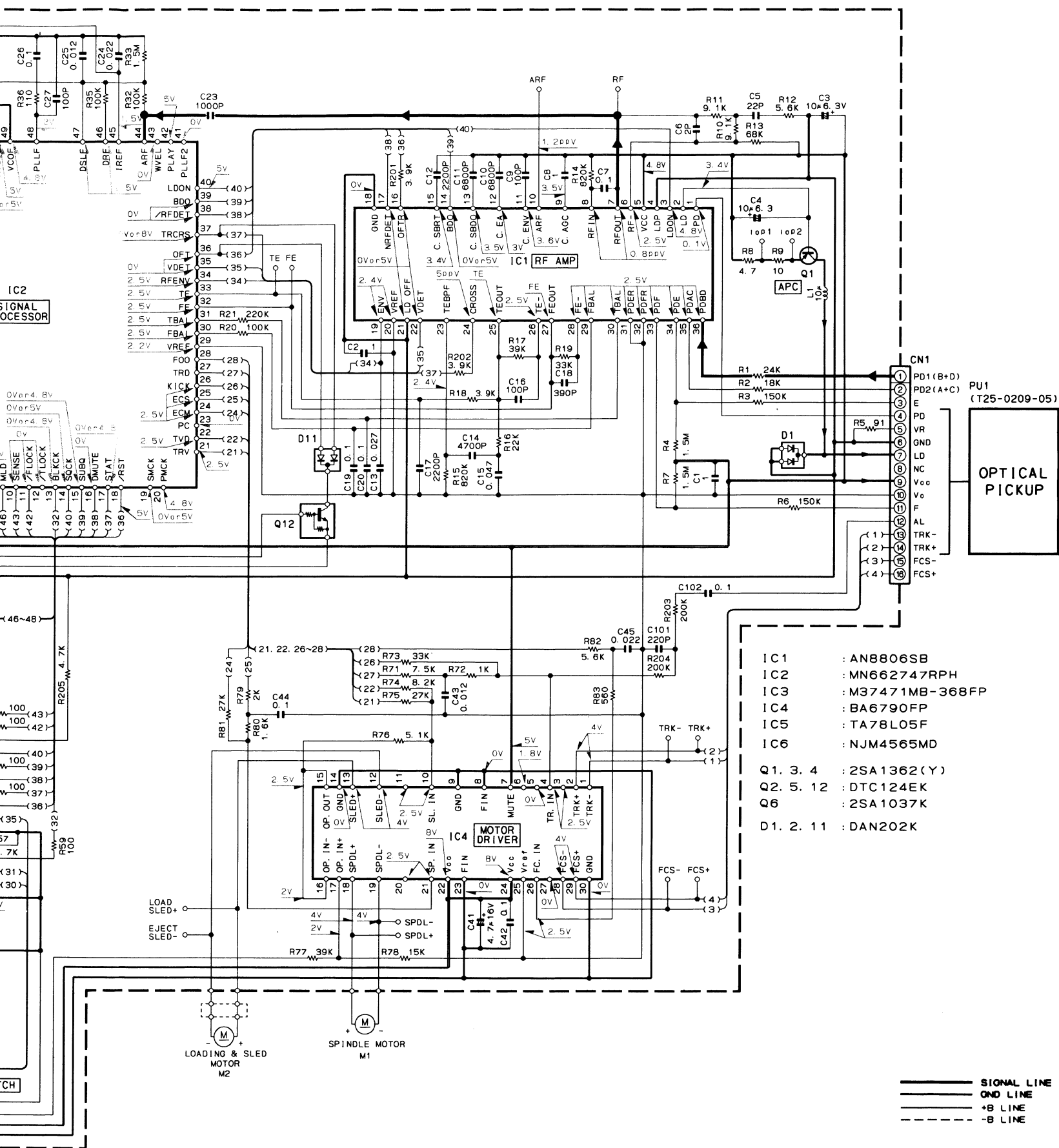
Refer to the schematic diagram for the values of resistors and capacitors.

(X32-4280-00)

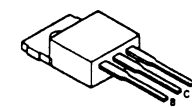


CAUTION: components parts (refer component leakage-current carried out from the su turned to th

• DC voltage ance volt variations units.



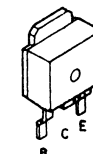
2SD2396



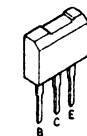
DTA114EK
 DTA124EK
 DTC114EK
 DTC114TK
 DTC114YK
 DTC124EK

DTC124TK
 DTC143TK
 DTC144EK
 2SA1362
 2SC2412K
 2SD2114K

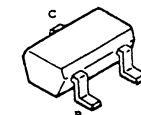
2SB1184



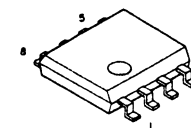
2SB1277
 2SB1443



2SA1037K



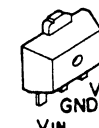
NJM2903M
 NJM4565M-TE2
 NJM4565MD



DAN202K



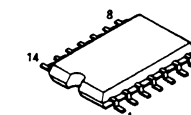
TA78L05F



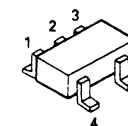
DA204K



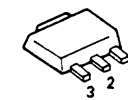
TC74HC02AF



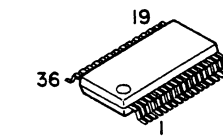
PST9130NR



M5237ML



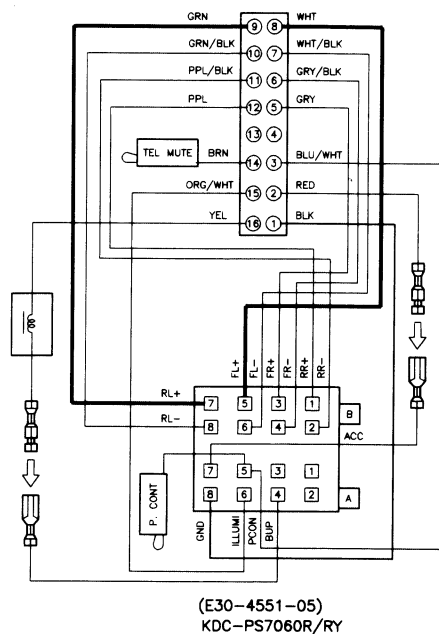
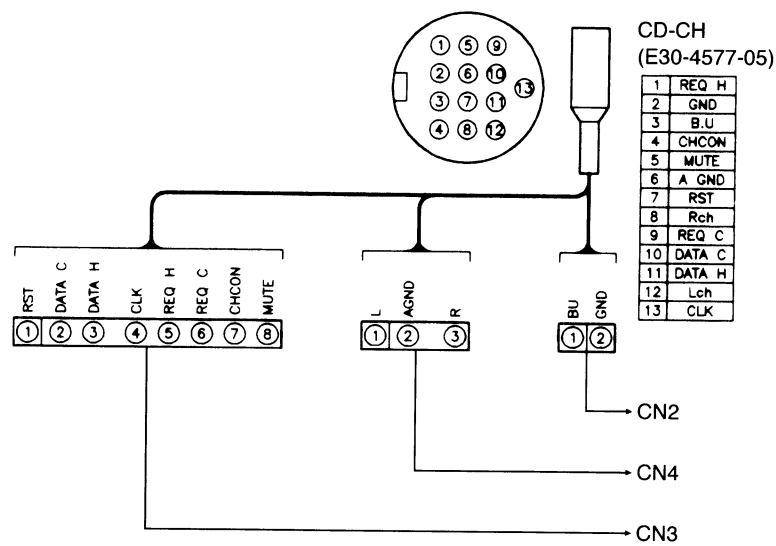
AN8806SB



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

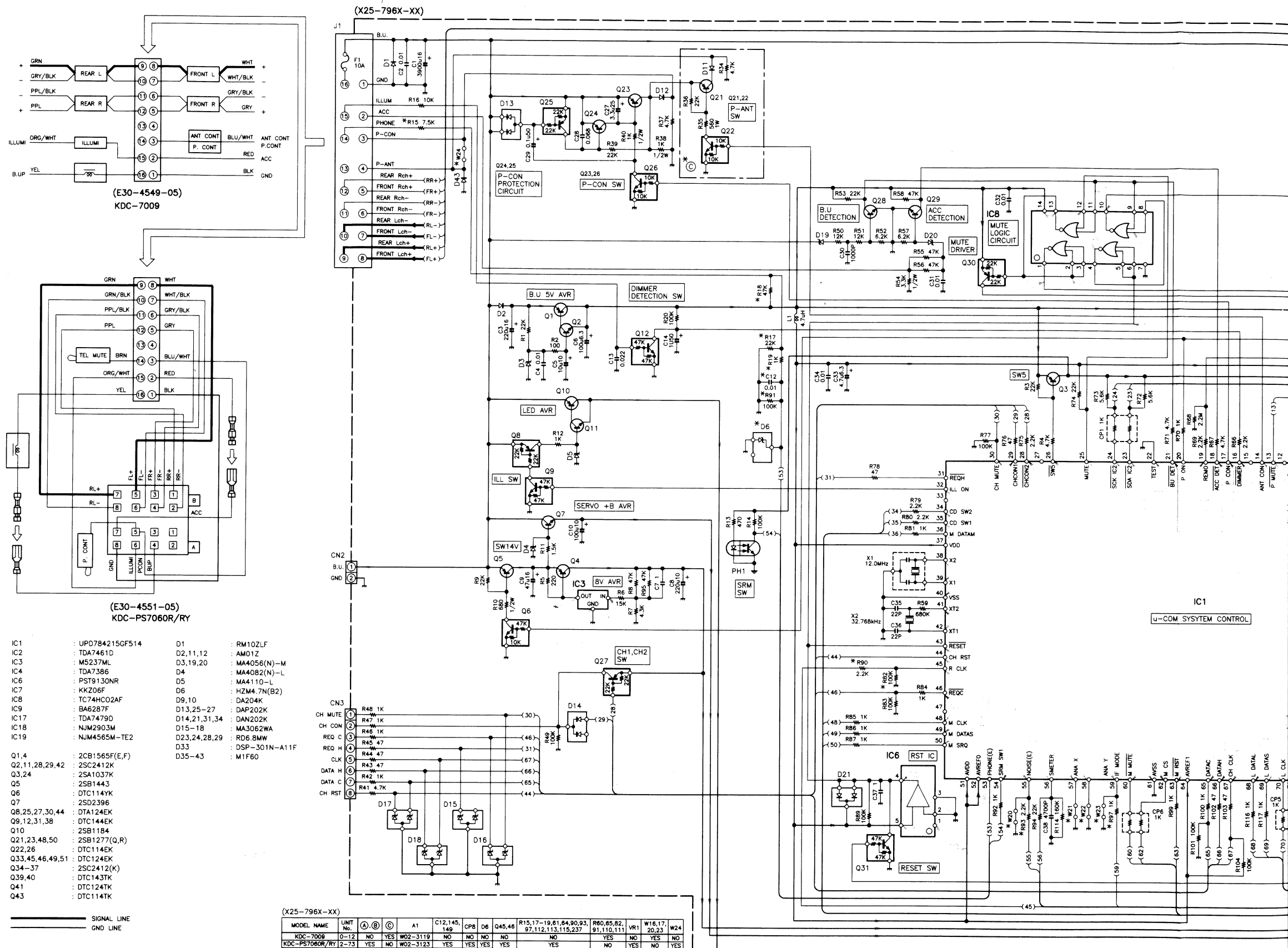
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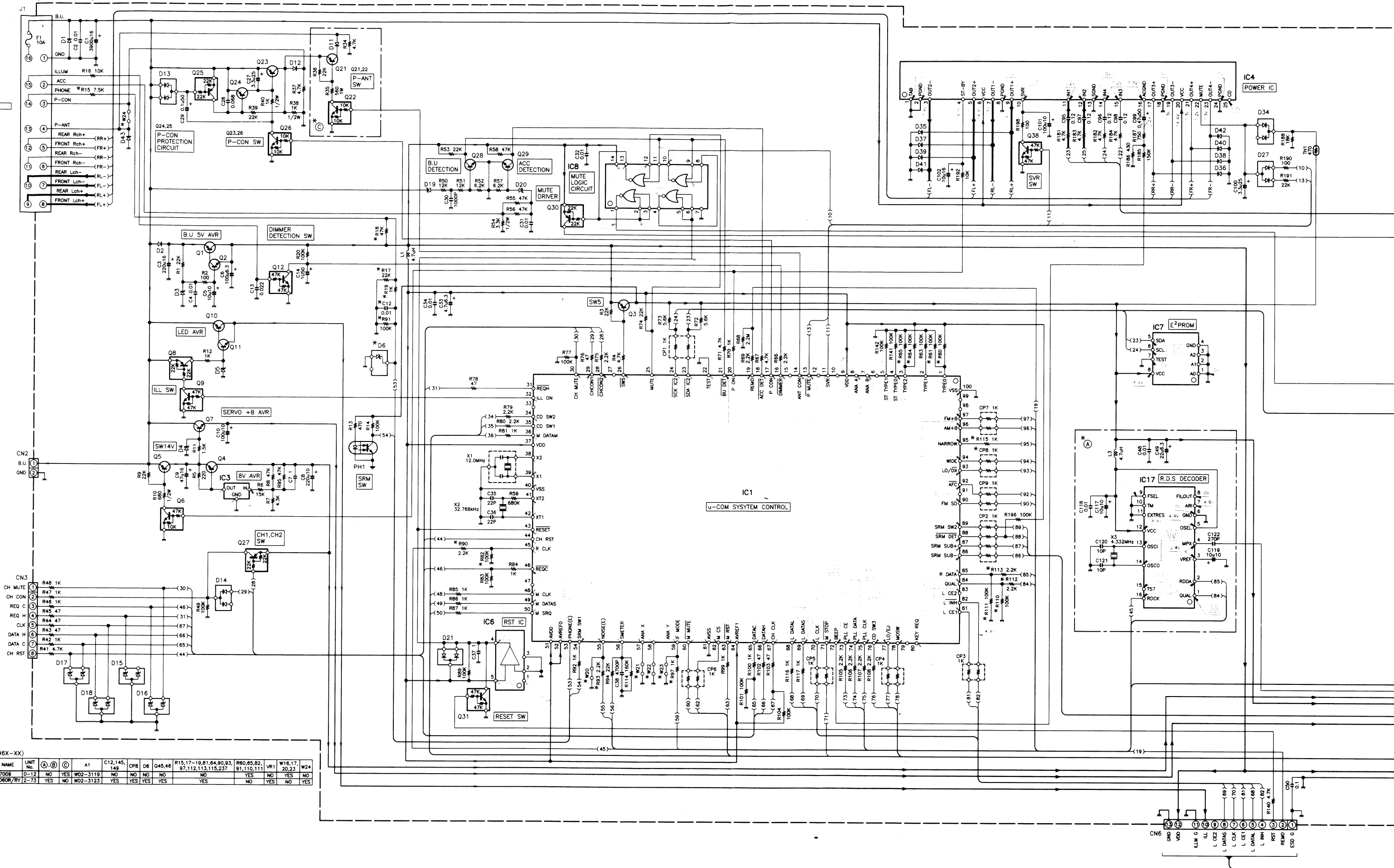
IC1	: UP0784215GF514	D1	: RM10ZLF
IC2	: TDA7461D	D2,11,12	: AM01Z
IC3	: M5237ML	D3,19,20	: MA4056(N)-M
IC4	: TDA7386	D4	: MA4082(N)-L
IC6	: PST9130NR	D5	: MA4110-L
IC7	: KKZ06F	D6	: HZM4.7N(B2)
IC8	: TC74HC02AF	D9,10	: DA204K
IC9	: BA6287F	D13,25-27	: DAP202K
IC17	: TDA7479D	D14,21,31,34	: DAN202K
IC18	: NJM2903M	D15-18	: MA3062WA
IC19	: NJM4565M-TE2	D23,24,28,29	: RD6.8MW
Q1,4	: 2CB1565F(E,F)	D33	: DSP-301N-A11F
Q2,11,28,29,42	: 2SC2412K	D35-43	: M1F60
Q3,24	: 2SA1037K		
Q5	: 2SB1443		
Q6	: DTC114YK		
Q7	: 2SD2396		
Q8,25,27,30,44	: DTA124EK		
Q9,12,31,38	: DTC144EK		
Q10	: 2SB1184		
Q21,23,48,50	: 2SB1277(Q,R)		
Q22,26	: DTC114EK		
Q33,45,46,49,51	: DTC124EK		
Q34-37	: 2SC2412(K)		
Q39,40	: DTC143TK		
Q41	: DTC124TK		
Q43	: DTC114TK		

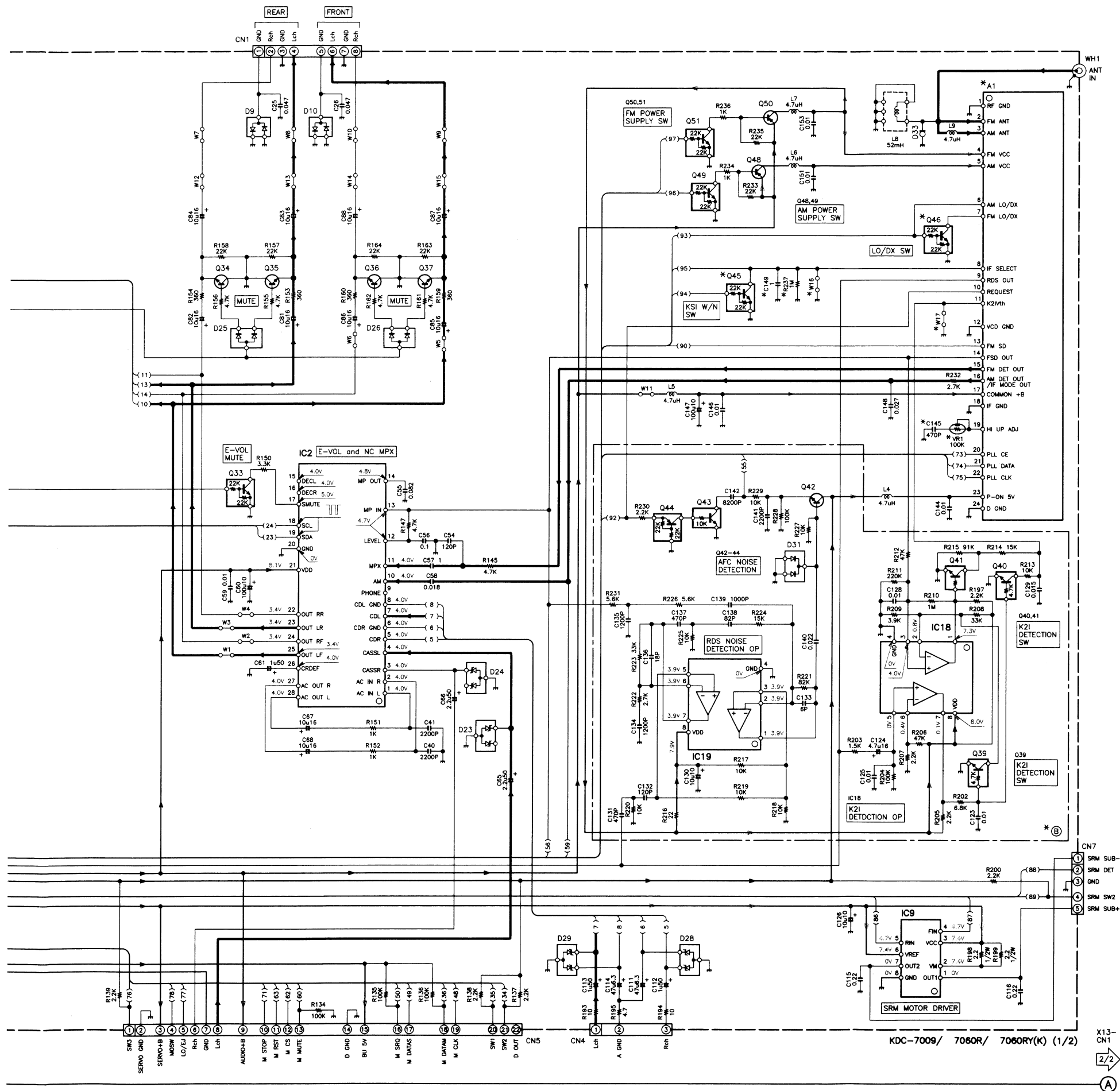
SIGNAL LINE
GND LINE


MODEL NAME	UNIT No.	A1	C12,145,149	CP8	D6	Q45,46	R15,17-19,61,64,90,93,97,112,113,115,237	R80,85,82,91,110,111	VR1	W16,17,20,23	W24
KDC-7009	0-12	NO	YES	NO	NO	NO	NO	YES	NO	YES	NO
KDC-PS7060R/RY	2-73	YES	NO	W02-3119	YES	YES	YES	NO	YES	NO	YES



(X25-796X-XX)

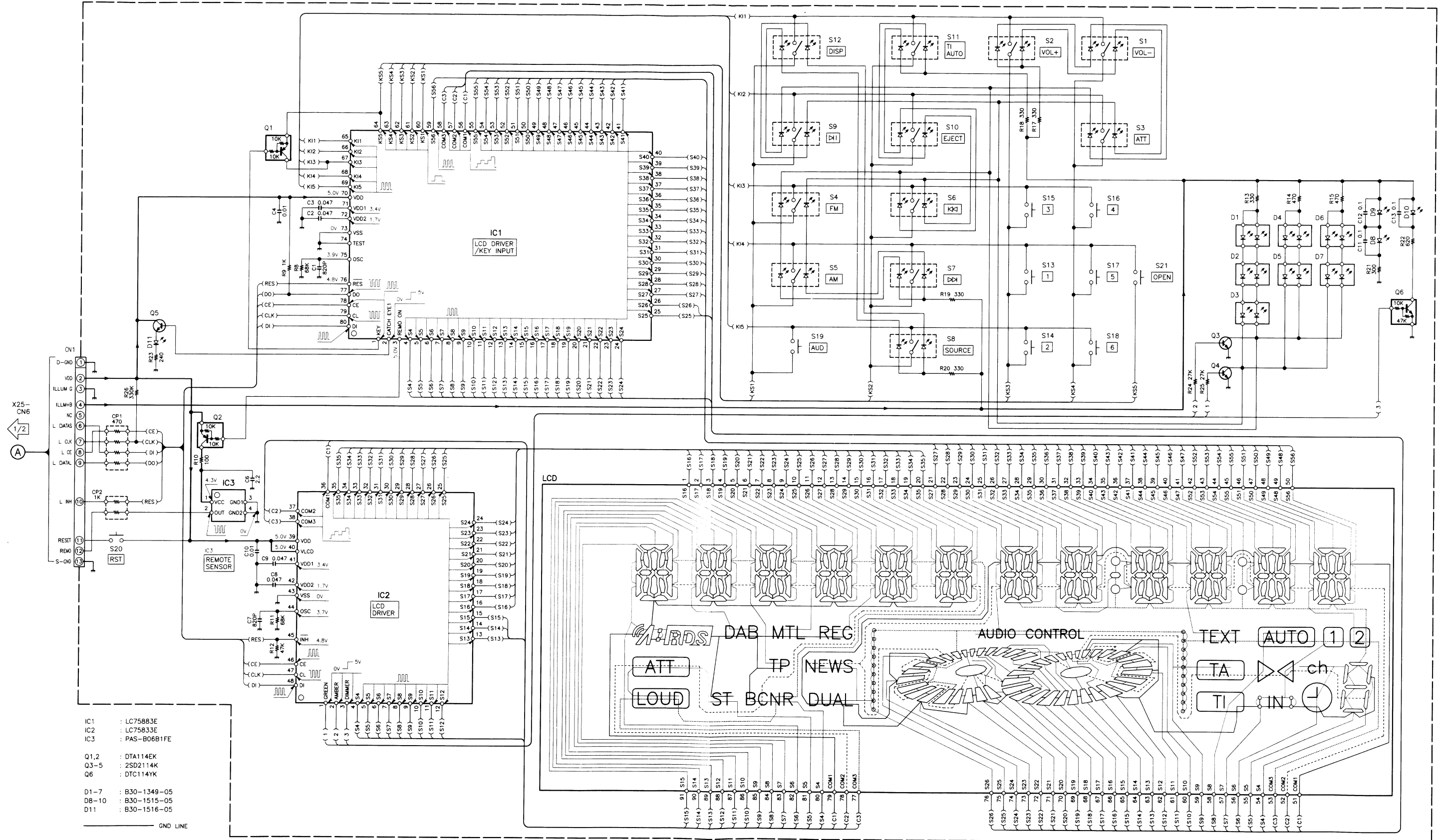




CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

(X13-9140-10)



KDC-8009/6010/8060R(K) (2/2)
 KDC-7009/7060R

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

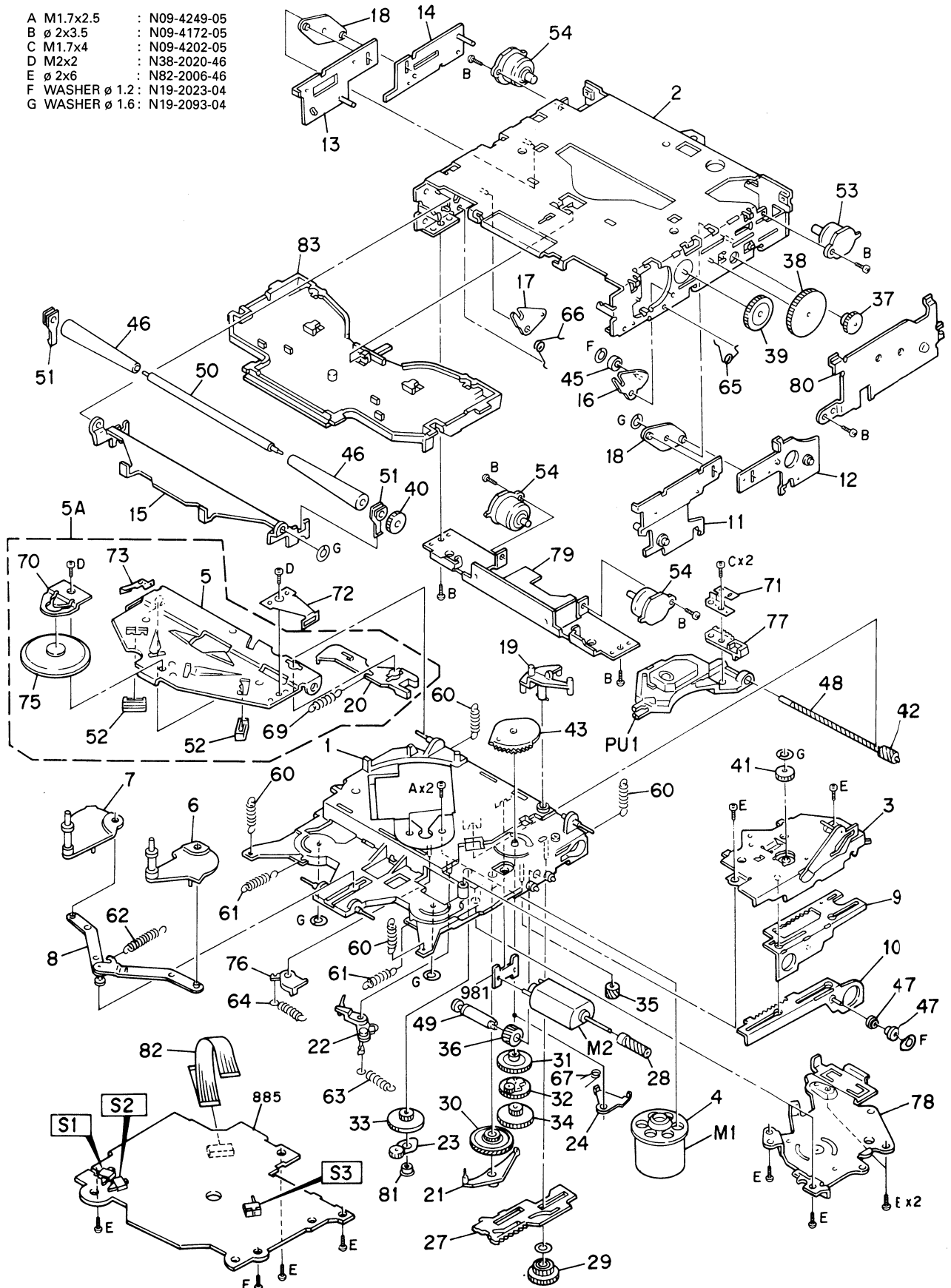
• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

KDC-7009/7060R/RX
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KDC-7009/7060R/RV

EXPLODED VIEW (MECHANISM)

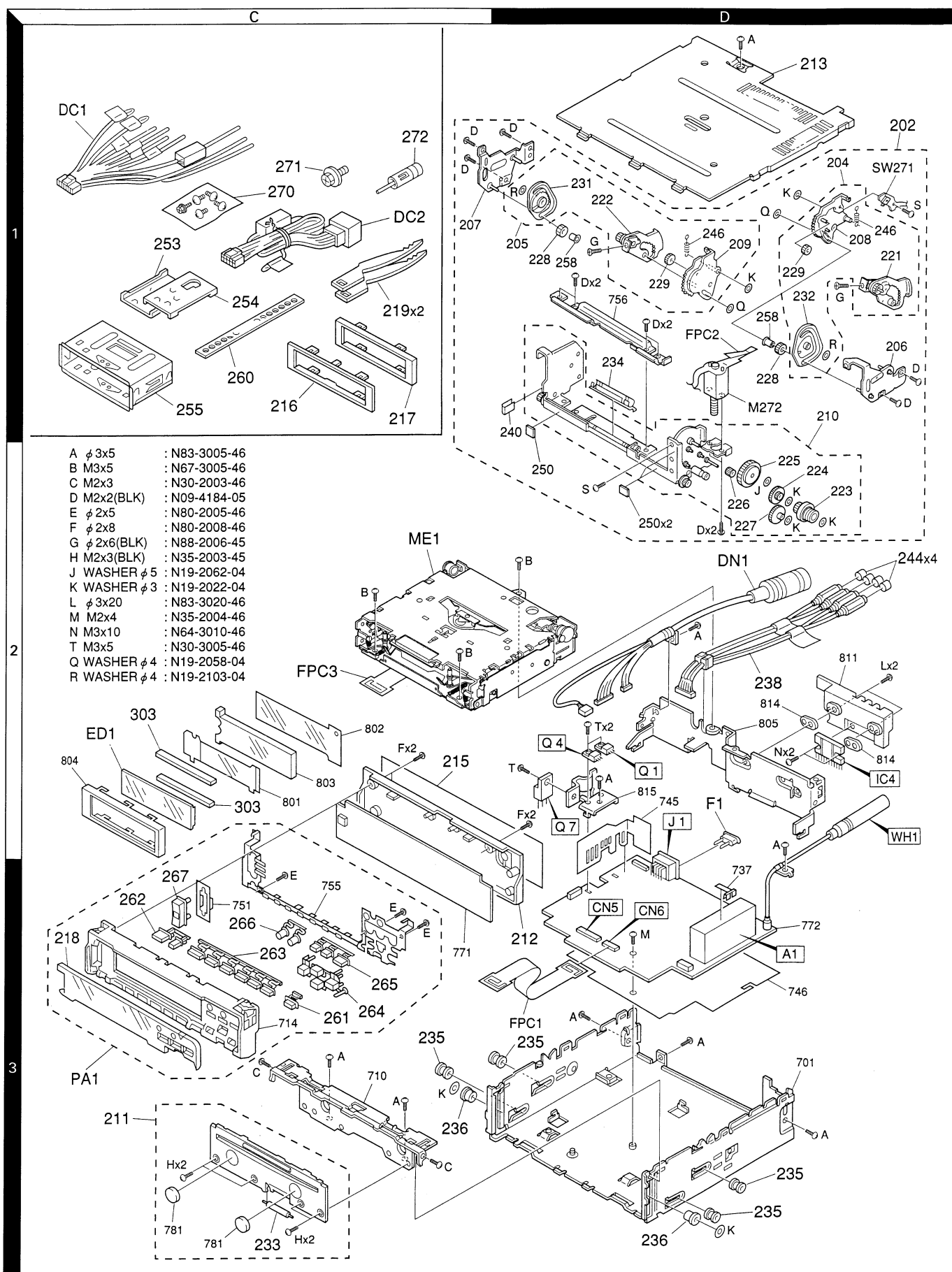
- A M1.7x2.5 : N09-4249-05
 B ϕ 2x3.5 : N09-4172-05
 C M1.7x4 : N09-4202-05
 D M2x2 : N38-2020-46
 E ϕ 2x6 : N82-2006-46
 F WASHER ϕ 1.2 : N19-2023-04
 G WASHER ϕ 1.6 : N19-2093-04



Parts with the exploded numbers larger than 700 are not supplied.

KDC-7009/7060R/RV

EXPLODED VIEW (UNIT)



KDC-7009/7060R/RV
PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No.	New	Parts No.	Description
KDC-7009/7060R/RV			
202	1D	A10-4428-22	CHASSIS ASSY
204	1D	A10-4313-62	CHASSIS ASSY
205	1D	A10-4314-62	CHASSIS ASSY
206	1D	A10-4315-04	CHASSIS CALKING ASSY
207	1C	A10-4317-04	CHASSIS CALKING ASSY
208	1D	A10-4319-04	CHASSIS CALKING ASSY
209	1D	A10-4321-04	CHASSIS CALKING ASSY
210	1D	A10-4353-53	CHASSIS ASSY
211	3C	* A22-2272-03	SUB PANEL ASSY
212	2C	* A46-1279-02	REAR COVER
213	1D	A52-0710-12	TOP PLATE
PA1	3C	* A64-1164-02	PANEL ASSY
PA1	3C	* A64-1169-02	PANEL ASSY
215	2C	* B03-3027-03	DRESSING SEAL
216	1C	* B07-2117-02	ESCUTCHEON
217	1C	* B07-2118-03	ESCUTCHEON ASSY
218	3C	* B10-1799-01	FRONT GLASS
218	3C	* B10-2804-01	FRONT GLASS
-	-	B46-0100-50	WARRANTY CARD
-	-	B46-0172-13	QUESTIONAIRE CARD
-	-	B46-0612-14	ID CARD
-	-	B58-1255-04	CAUTION CARD (SRM, 注意ハザメ)
-	-	B58-1278-04	CAUTION CARD
-	-	B58-1282-04	CAUTION CARD (SRM, 注意ハザメ)
-	-	B58-1283-04	CAUTION CARD
-	-	B64-1179-00	INSTRUCTION MANUAL (E, F, S)
-	-	B64-1181-00	INSTRUCTION MANUAL (E, F)
-	-	B64-1182-00	INSTRUCTION MANUAL (G, D, I)
-	-	B64-1183-00	INSTRUCTION MANUAL (S, P)
-	-	B64-1184-00	INSTRUCTION MANUAL (E, R, PL)
-	-	B64-1185-00	INSTRUCTION MANUAL (CN, H, CR)
219	1C	D10-4067-14	LEVER
221	1D	D10-4139-13	ARM ASSY
222	1D	D10-4140-13	ARM ASSY
223	2D	D13-1302-64	GEAR ASSY
224	1D	D13-1306-14	GEAR
225	2D	D13-1348-03	GEAR
226	2D	D13-1349-04	GEAR
227	2D	D13-1350-04	GEAR
228	1D	D13-1312-24	GEAR
229	1D	D13-1313-04	GEAR
231	1D	D13-1320-13	GEAR ASSY
232	1D	D13-1321-13	GEAR ASSY
233	3C	D14-0676-04	ROLLER
234	1D	D14-0678-04	ROLLER ASSY
235	3D	D14-0680-34	ROLLER
236	3D	D14-0681-34	ROLLER
238	2D	E30-4576-05	CORD WITH PINPLUG
DC1	1C	* E30-4549-05	DC CORD
DC2	1C	E30-4551-05	DC CORD
DN1	2D	E30-4577-05	CORD WITH DIN CONNECTOR

K2:KDC-7009
E4:KDC-7060R
E5:KDC-7060RY

△ indicates safety critical components.

KDC-7009/7060R/RV
PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
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Ref. No.	New	Parts No.	Description
SWITCH UNIT (X13-9140-10)			
D1	-7	B30-1349-05	LED
D8	-10	B30-1515-05	LED
D11	-	B30-1516-05	LED
ED1	2C	B38-0687-05	LIQUID CRYSTAL
C1	-	CK73FB1H821K	CHIP C 820PF K
C2	,3	CK73FB1E473KTA	CHIP C 0.047UF K
C4	-	CK73FB1H103K	CHIP C 0.010UF K
C6	-	CK73EB1C225K	CHIP C 2.2UF K
C7	-	CK73FB1H821K	CHIP C 820PF K
C8	,9	CK73FB1E473KTA	CHIP C 0.047UF K
C10	-	CK73FB1H103K	CHIP C 0.010UF K
C11	-13	CK73FB1C104K	CHIP C 0.10UF K
303	2C	* E29-1541-04	CONDUCTIVE RUBBER
CN1	-	E40-9407-05	FLAT CABLE CONNECTOR
CP1	-	R90-1016-05	MULTIPLE RESISTOR
CP2	-	R90-0725-05	MULTI-COMP 1K X2
R8	-	RK73FB2A683J	CHIP R 68K J 1/10W
R9	-	RK73FB2A102J	CHIP R 1.0K J 1/10W
R10	-	RK73FB2A101J	CHIP R 100 J 1/10W
R11	-	RK73FB2A683J	CHIP R 68K J 1/10W
R12	-	RK73FB2A473J	CHIP R 47K J 1/10W
R13	-	RK73EB2B331J	CHIP R 330 J 1/8W
R14	,15	RK73EB2B471J	CHIP R 470 J 1/8W
R17	-20	RK73EB2B331J	CHIP R 330 J 1/8W
R21	-	RK73EB2B301J	CHIP R 300 J 1/8W
R22	-	RK73EB2B621J	CHIP R 620 J 1/8W
R23	-	RK73EB2B241J	CHIP R 240 J 1/8W
R24	,25	RK73FB2A273J	CHIP R 27K J 1/10W
R26	-	RK73FB2A334J	CHIP R 330K J 1/10W
S1	-12	S70-0839-05	TACT SWITCH
S13	-20	S70-0813-05	TACT SWITCH
S21	-	S70-0821-05	TACT SWITCH
IC1	-	LC75883E	MOS-IC
IC2	-	LC75833E	MOS-IC
IC3	-	PAS-B06B1FE	ANALOGUE IC
Q1	,2	DTA114EK	DIGITAL TRANSISTOR
Q1	,2	UN2111	DIGITAL TRANSISTOR
Q3	-5	2SD2114K	TRANSISTOR
Q6	-	DTC114YK	DIGITAL TRANSISTOR
Q6	-	UN2214	DIGITAL TRANSISTOR
ELECTRIC UNIT (X25-796X-XX)			
C1	-	C90-2856-05	ELECTRO 3900UF 16WV
C2	-	CK73FB1H103K	CHIP C 0.010UF K
C3	-	C90-2926-05	ELECTRO 220UF 16WV
C4	-	CK73FB1H103K	CHIP C 0.010UF K
C5	-	C90-2594-05	ELECTRO 10UF 10WV
C6	-	CE04CW0J101M	ELECTRO 100UF 6.3WV
C7	-	CK73EB1C105K	CHIP C 1.0UF K
C8	-	CE04CW1A221M	ELECTRO 220UF 10WV
C9	-	CE04CW1C470M	ELECTRO 47UF 16WV
C10	-	CE04CW1A101M	ELECTRO 100UF 10WV

K2:KDC-7009
E4:KDC-7060R
E5:KDC-7060RY

SWITCH UNIT (X13-9140-10)
ELECTRIC UNIT (X25-796X-XX)

Ref. No.	New	Parts No.	Description
C12	-	CK73FB1H103K	CHIP C 0.010UF K
C13	-	CK73FB1H223KTA	CHIP C 0.022UF K
C14	-	C90-2608-05	ELECTRO 1.0UF 50WV
C25	,26	CK73FB1E473KTA	CHIP C 0.047UF K
C27	-	C90-2598-05	ELECTRO 3.3UF 25WV
C28	-	CK73FB1E683KTA	CHIP C 0.068UF K
C29	-	C90-2602-05	ELECTRO 0.10UF 50WV
C30	-	CK73FB1H102K	CHIP C 1000PF K
C31	,32	CK73FB1H103K	CHIP C 0.010UF K
C33	-	CE04CW0J470M	ELECTRO 47UF 6.3WV
C34	-	CK73FB1H103K	CHIP C 0.010UF K
C35	,36	CC73FCH1H220J	CHIP C 22PF J
C37	-	CK73EB1C105K	CHIP C 1.0UF K
C38	-	CK73FB1H472K	CHIP C 4700PF K
C40	,41	CK73FB1H222K	CHIP C 2200PF K
C50	-	CK73FB1C104K	CHIP C 0.10UF K
C54	-	CC73FCH1H121J	CHIP C 120PF J
C55	-	CK73FB1C823K	CHIP C 0.082UF K
C56	-	CK73FB1C104K	CHIP C 0.10UF K
C57	-	CK73EB1C105K	CHIP C 1.0UF K
C58	-	CK73FB1H183KTA	CHIP C 0.018UF K
C59	-	CK73FB1H103K	CHIP C 0.010UF K
C60	-	CE04CW1A101M	ELECTRO 100UF 10WV
C61	-	C90-2608-05	ELECTRO 1.0UF 50WV
C65	,66	C90-2610-05	ELECTRO 2.2UF 50WV
C67	,68	C90-2597-05	ELECTRO 10UF 16WV
C81	-88	C90-2597-05	ELECTRO 10UF 16WV
C95	-98	CK73FB1C124K	CHIP C 0.12UF K
C99	-	C90-2606-05	ELECTRO 0.47UF 50WV
C100	-	C90-2598-05	ELECTRO 3.3UF 25WV
C101	-	CE04CW1A101M	ELECTRO 100UF 10WV
C102	-	C90-2597-05	ELECTRO 10UF 16WV
C103-110	-	CK73FB1H153KTA	CHIP C 0.015UF K
C111	-	CE04CW0J470M	ELECTRO 47UF 6.3WV
C112,113	-	C90-2608-05	ELECTRO 1.0UF 50WV
C114	-	CE04CW0J470M	ELECTRO 47UF 6.3WV
C115,116	-	CK73FB1C224K	CHIP C 0.22UF K
C117	-	C90-2594-05	ELECTRO 10UF 10WV
C118	-	CK73FB1H103K	CHIP C 0.010UF K
C119	-	C90-2594-05	ELECTRO 10UF 10WV
C120,121	-	CC73FCH1H100D	CHIP C 10PF D
C122	-	CC73FCH1H271J	CHIP C 270PF J
C123	-	CK73FB1H103K	CHIP C 0.010UF K
C124	-	C90-2595-05	ELECTRO 4.7UF 16WV
C125	-	CK73FB1H103K	CHIP C 0.010UF K
C126	-	C90-2594-05	ELECTRO 10UF 10WV
C128	-	CK73FB1H103K	CHIP C 0.010UF K
C129	-	CK73FB1H153KTA	CHIP C 0.015UF K
C130	-	C90-2594-05	ELECTRO 10UF 10WV
C131	-	CC73FCH1H471J	CHIP C 470PF J
C132	-	CC73FCH1H121J	CHIP C 120PF J
C133	-	CC73FCH1H060D	CHIP C 6.0PF D
C134,135	-	CC73FSL1H122J	CHIP C 1200PF J
C136	-	CC73FCH1H180J	CHIP C 18PF J
C137	-	CC73FCH1H471J	CHIP C 470PF J

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KDC-7009/7060R/RYPARTS LIST

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ELECTRIC UNIT (X25-796X-XX)

Ref. No.	New	Parts No.	Description
C138		CC73FCH1H820J	CHIP C 82PF J E4E5
C139		CC73FSL1H102J	CHIP C 1000PF J E4E5
C140		CK73FB1H223KTA	CHIP C 0.022UF K E4E5
C141		CC73FSL1H222J	CHIP C 2200PF J E4E5
C142		CK73FB1H822K	CHIP C 8200PF K E4E5
C144		CK73FB1H103K	CHIP C 0.010UF K
C145		CC73FCH1H471J	CHIP C 470PF J E4E5
C146		CK73FB1H103K	CHIP C 0.010UF K
C147		CE04CWA101M	ELECTRO 100UF 10WV
C148		CK73FB1E273KTA	CHIP C 0.027UF K
C149		CK73EB1C105K	CHIP C 1.0UF K E4E5
C151		CK73FB1H103K	CHIP C 0.010UF K
C153		CK73FB1H103K	CHIP C 0.010UF K
CN1		E40-3243-05	PIN ASSY
CN2		E40-3237-05	PIN ASSY
CN3		E40-3252-05	PIN ASSY
CN4		E40-3261-05	PIN ASSY
CN5		E40-9550-05	FLAT CABLE CONNECTOR
CN6		E40-9557-05	FLAT CABLE CONNECTOR
CN7		E40-5029-05	FLAT CABLE CONNECTOR
J1		E58-0836-05	RECTANGULAR RECEPTACLE
WH1	3D	E30-4575-05	CORD WITH PLUG (ANT)
L1		L40-4795-34	SMALL FIXED INDUCTOR
L3	-7	L40-4795-34	SMALL FIXED INDUCTOR E4E5
L4	-7	L40-4795-34	SMALL FIXED INDUCTOR K2
L8		L33-1039-05	LINE FILTER COIL
L9		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)
X1		L78-0574-05	RESONATOR
X2		L78-0533-05	RESONATOR (32.768KHZ)
X3		L77-2002-05	CRYSTAL RESONATOR E4E5
A	2D	N83-3005-46	PAN HEAD TAPTITE SCREW
L	2D	N83-3020-46	PAN HEAD TAPTITE SCREW
N	2D	N64-3010-46	PAN HEAD SEMS SCREW
T	2D	N30-3005-46	PAN HEAD MACHINE SCREW
CP1		R90-0725-05	MULTI-COMP 1K X2
CP2		R90-0724-05	MULTI-COMP 1K X4
CP3	-7	R90-0725-05	MULTI-COMP 1K X2 K2
CP3	-9	R90-0725-05	MULTI-COMP 1K X2 E4E5
CP9		R90-0725-05	MULTI-COMP 1K X2 K2
R1		RK73FB2A223J	CHIP R 22K J 1/10W
R2		RK73FB2A101J	CHIP R 100 J 1/10W
R3		RK73FB2A223J	CHIP R 22K J 1/10W
R4		RK73FB2A472J	CHIP R 4.7K J 1/10W
R5		RK73EB2B221J	CHIP R 220 J 1/8W
R6		RK73FB2A153J	CHIP R 15K J 1/10W
R7		R92-2046-05	CHIP R 4.3K D 1/10W
R8		R92-2041-05	CHIP R 47K D 1/10W
R9		RK73FB2A223J	CHIP R 22K J 1/10W
R10		R92-2063-05	CHIP R 680 J 1/2W
R11		RK73FB2A152J	CHIP R 1.5K J 1/10W
R12		RK73FB2A102J	CHIP R 1.0K J 1/10W
R13		RK73FB2A471J	CHIP R 470 J 1/10W
R14		RK73FB2A104J	CHIP R 100K J 1/10W
R15	,16	RK73EB2B103J	CHIP R 10K J 1/8W E4E5

K2:KDC-7009
E4:KDC-7060R
E5:KDC-7060RY

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KDC-7009/7060R/RYPARTS LIST

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ELECTRIC UNIT (X25-796X-XX)

Ref. No.	New	Parts No.	Description
R99 ,100		RK73FB2A102J	CHIP R 1.0K J 1/10W
R101		RK73FB2A104J	CHIP R 100K J 1/10W
R102 ,103		RK73FB2A470J	CHIP R 47 J 1/10W
R104		RK73FB2A104J	CHIP R 100K J 1/10W
R105-108		RK73FB2A222J	CHIP R 2.2K J 1/10W
R110 ,111		RK73FB2A104J	CHIP R 100K J 1/10W K2
R112 ,113		RK73FB2A222J	CHIP R 2.2K J 1/10W E4E5
R114		RK73FB2A164J	CHIP R 160K J 1/10W
R115-117		RK73FB2A102J	CHIP R 1.0K J 1/10W E4E5
R116 ,117		RK73FB2A102J	CHIP R 1.0K J 1/10W K2
R134-136		RK73FB2A104J	CHIP R 100K J 1/10W
R137-139		RK73FB2A222J	CHIP R 2.2K J 1/10W
R140		RK73EB2B472J	CHIP R 4.7K J 1/8W
R141 ,142		RK73FB2A104J	CHIP R 100K J 1/10W
R145		RK73FB2A472J	CHIP R 4.7K J 1/10W
R147		RK73FB2A472J	CHIP R 4.7K J 1/10W
R150		RK73FB2A332J	CHIP R 3.3K J 1/10W
R151 ,152		RK73FB2A102J	CHIP R 1.0K J 1/10W
R153 ,154		RK73FB2A361J	CHIP R 360 J 1/10W
R155 ,156		RK73FB2A472J	CHIP R 4.7K J 1/10W
R157 ,158		RK73FB2A223J	CHIP R 22K J 1/10W
R159 ,160		RK73FB2A361J	CHIP R 360 J 1/10W
R161 ,162		RK73FB2A472J	CHIP R 4.7K J 1/10W
R163 ,164		RK73FB2A223J	CHIP R 22K J 1/10W
R181-184		RK73FB2A472J	CHIP R 4.7K J 1/10W
R185		RK73FB2A154J	CHIP R 150K J 1/10W
R186		RK73FB2A431J	CHIP R 430 J 1/10W
R187		RK73FB2A751J	CHIP R 750 J 1/10W
R188		RK73FB2A183J	CHIP R 18K J 1/10W
R189 ,190		RK73FB2A101J	CHIP R 100 J 1/10W
R191		RK73FB2A223J	CHIP R 22K J 1/10W
R192		RK73FB2A103J	CHIP R 10K J 1/10W
R193 ,194		RK73EB2B100J	CHIP R 10 J 1/8W
R195		RK73EB2B4R7J	CHIP R 4.7 J 1/8W
R196		RK73EB2B104J	CHIP R 100K J 1/8W
R197		RK73FB2A222J	CHIP R 2.2K J 1/10W E4E5
R198 ,199		R92-2021-05	CHIP R 2.2 J 1/2W
R200		RK73EB2B222J	CHIP R 2.2K J 1/8W
R202		RK73FB2A682J	CHIP R 6.8K J 1/10W E4E5
R203		RK73FB2A152J	CHIP R 1.5K J 1/10W E4E5
R204		RK73FB2A104J	CHIP R 100K J 1/10W E4E5
R205		RK73FB2A222J	CHIP R 2.2K J 1/10W E4E5
R206		RK73FB2A473J	CHIP R 47K J 1/10W E4E5
R207		RK73FB2A222J	CHIP R 2.2K J 1/10W E4E5
R208		RK73FB2A333J	CHIP R 33K J 1/10W E4E5
R209		RK73FB2A392J	CHIP R 3.9K J 1/10W E4E5
R210		RK73FB2A105J	CHIP R 1.0M J 1/10W E4E5
R211		RK73FB2A224J	CHIP R 220K J 1/10W E4E5
R212		RK73FB2A473J	CHIP R 47K J 1/10W E4E5
R213		RK73FB2A103J	CHIP R 10K J 1/10W E4E5
R214		RK73FB2A153J	CHIP R 15K J 1/10W E4E5
R215		RK73FB2A913J	CHIP R 91K J 1/10W E4E5
R216		RK73EB2B220J	CHIP R 22 J 1/8W E4E5
R217-220		RK73FB2A103J	CHIP R 10K J 1/10W E4E5
R221		RK73FB2A823J	CHIP R 82K J 1/10W E4E5

K2:KDC-7009
E4:KDC-7060R
E5:KDC-7060RY

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KDC-7009/7060R/RV
PARTS LIST

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ELECTRIC UNIT (X25-796X-XX)
CD PLAYER UNIT (X32-4280-00)

Ref. No.	New	Parts No.	Description	
D35 -43	*	D1F60	DIODE	
IC1		UPD784215GF514	MI-COM IC	
IC2		TDA7461D	ANALOGUE IC	
IC3		M5237ML	IC(VOLTAGE REGULATOR)	
IC4		TDA7386	ANALOGUE IC	
IC6		PST9130NR	ANALOGUE IC	
IC7		KKZ06F	CUSTOM IC	
IC8		TC74HC02AF	IC	
IC9		BA6287F	ANALOGUE IC	
IC17	*	TDA7479D	ANALOGUE IC	E4E5
IC18		NJM2903M	IC(COMPARETOR X2)	E4E5
IC19		NJM4565M-TE2	ANALOGUE IC	E4E5
Q1		2SB1565F(E,F)	TRANSISTOR	
Q2		2SC2412K	TRANSISTOR	
Q2		2SD601A	TRANSISTOR	
Q3		2SA1037K	TRANSISTOR	
Q4		2SB1565F(E,F)	TRANSISTOR	
Q5		2SB1443	TRANSISTOR	
Q6		DTC114YK	DIGITAL TRANSISTOR	
Q6		UN2214	DIGITAL TRANSISTOR	
Q7		2SD2396	TRANSISTOR	
Q8		DTA124EK	DIGITAL TRANSISTOR	
Q8		UN2112	DIGITAL TRANSISTOR	
Q9		DTC144EK	DIGITAL TRANSISTOR	
Q9		UN2213	DIGITAL TRANSISTOR	
Q10		2SB1184	TRANSISTOR	
Q11		2SC2412K	TRANSISTOR	
Q11		2SD601A	TRANSISTOR	
Q12		DTC144EK	DIGITAL TRANSISTOR	
Q12		UN2213	DIGITAL TRANSISTOR	
Q21		2SB1277(Q,R)	TRANSISTOR	K2
Q22		DTC114EK	DIGITAL TRANSISTOR	K2
Q22		UN2211	DIGITAL TRANSISTOR	K2
Q23		2SB1277(Q,R)	TRANSISTOR	
Q24		2SA1037K	TRANSISTOR	
Q25		DTA124EK	DIGITAL TRANSISTOR	
Q25		UN2112	DIGITAL TRANSISTOR	
Q26		DTC114EK	DIGITAL TRANSISTOR	
Q26		UN2211	DIGITAL TRANSISTOR	
Q27		DTA124EK	DIGITAL TRANSISTOR	
Q27		UN2112	DIGITAL TRANSISTOR	
Q28 ,29		2SC2412K	TRANSISTOR	
Q28 ,29		2SD601A	TRANSISTOR	
Q30		DTA124EK	DIGITAL TRANSISTOR	
Q30		UN2112	DIGITAL TRANSISTOR	
Q31		DTC144EK	DIGITAL TRANSISTOR	
Q31		UN2213	DIGITAL TRANSISTOR	
Q33		DTC124EK	DIGITAL TRANSISTOR	
Q33		UN2212	DIGITAL TRANSISTOR	
Q34 -37		2SC2412K	TRANSISTOR	
Q34 -37		2SD601A	TRANSISTOR	
Q38		DTC144EK	DIGITAL TRANSISTOR	
Q38		UN2213	DIGITAL TRANSISTOR	
Q39 ,40		DTC143TK	DIGITAL TRANSISTOR	E4E5
Q39 ,40		UN2216	DIGITAL TRANSISTOR	E4E5

K2:KDC-7009
E4:KDC-7060R
E5:KDC-7060RY

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KDC-7009/7060R/RV
PARTS LIST

* New Parts

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CD PLAYER UNIT (X32-4280-00)
MECHANISM ASSY (X92-3120-00)

Ref. No.	New	Parts No.	Description	
C57 ,58		CK73FB1C224K	CHIP C 0.22UF K	
C61 ,62		CC73FCH1H471J	CHIP C 470PF J	
C63 ,64		CC73FCH1H680J	CHIP C 68PF J	
C65 ,66		CK73FB1H222K	CHIP C 2200PF K	
C101		CC73ECH1H221J	CHIP C 220PF J	
C101		CK73EB1H221K	CHIP C 220PF K	
C102		CK73FB1C104K	CHIP C 0.10UF K	
CN1		E40-9536-05	FLAT CABLE CONNECTOR	
CN2		E40-9339-05	FLAT CABLE CONNECTOR	
L1		L40-1001-31	SMALL FIXED INDUCTOR(10UH)	
X1		L78-0620-05	RESONATOR	
X2		L78-0528-05	RESONATOR	
R1		RK73FB2A243J	CHIP R 24K J 1/10W	
R2		RK73FB2A183J	CHIP R 18K J 1/10W	
R3		RK73FB2A154J	CHIP R 150K J 1/10W	
R4		RK73FB2A155J	CHIP R 1.5M J 1/10W	
R5		RK73FB2A910J	CHIP R 91 J 1/10W	
R6		RK73FB2A154J	CHIP R 150K J 1/10W	
R7		RK73FB2A155J	CHIP R 1.5M J 1/10W	
R8		RK73EB2B4R7J	CHIP R 4.7 J 1/8W	
R9		RK73EB2B100J	CHIP R 10 J 1/8W	
R10 ,11		RK73FB2A912J	CHIP R 9.1K J 1/10W	
R12		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R13		RK73FB2A683J	CHIP R 68K J 1/10W	
R14 ,15		RK73FB2A824J	CHIP R 820K J 1/10W	
R16		RK73FB2A223J	CHIP R 22K J 1/10W	
R17		RK73FB2A393J	CHIP R 39K J 1/10W	
R18		RK73FB2A392J	CHIP R 3.9K J 1/10W	
R19		RK73FB2A333J	CHIP R 33K J 1/10W	
R20		RK73FB2A104J	CHIP R 100K J 1/10W	
R21		RK73FB2A224J	CHIP R 220K J 1/10W	
R31		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R32		RK73FB2A104J	CHIP R 100K J 1/10W	
R33		RK73FB2A155J	CHIP R 1.5M J 1/10W	
R34		RK73FB2A333J	CHIP R 33K J 1/10W	
R35		RK73FB2A104J	CHIP R 100K J 1/10W	
R36		RK73FB2A111J	CHIP R 110 J 1/10W	
R37		RK73FB2A471J	CHIP R 470 J 1/10W	
R38		RK73FB2A224J	CHIP R 220K J 1/10W	
R39		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R41		RK73FB2A101J	CHIP R 100 J 1/10W	
R42		RK73FB2A104J	CHIP R 100K J 1/10W	
R43		RK73FB2A101J	CHIP R 100 J 1/10W	
R44		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R45		RK73FB2A103J	CHIP R 10K J 1/10W	
R46		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R47		RK73FB2A103J	CHIP R 10K J 1/10W	
R48 -50		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R51		RK73FB2A101J	CHIP R 100 J 1/10W	
R52		RK73FB2A104J	CHIP R 100K J 1/10W	
R53		RK73FB2A101J	CHIP R 100 J 1/10W	
R54		RK73FB2A104J	CHIP R 100K J 1/10W	
R55		RK73FB2A101J	CHIP R 100 J 1/10W	

K2:KDC-7009
E4:KDC-7060R
E5:KDC-7060RY

△ indicates safety critical components.

Ref. No.	New	Parts No.	Description	
R56		RK73FB2A104J	CHIP R 100K J 1/10W	
R57		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R58 -61		RK73FB2A101J	CHIP R 100 J 1/10W	
R63 ,64		RK73FB2A101J	CHIP R 100 J 1/10W	
R65 ,66		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R67		RK73FB2A101J	CHIP R 100 J 1/10W	
R68		RK73FB2A104J	CHIP R 100K J 1/10W	
R69		RK73FB2A101J	CHIP R 100 J 1/10W	
R71		RK73FB2A752J	CHIP R 7.5K J 1/10W	
R72		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R73		RK73FB2A333J	CHIP R 33K J 1/10W	
R74		RK73FB2A822J	CHIP R 8.2K J 1/10W	
R75		RK73FB2A273J	CHIP R 27K J 1/10W	
R76		RK73FB2A512J	CHIP R 5.1K J 1/10W	
R77		RK73FB2A393J	CHIP R 39K J 1/10W	
R78		RK73FB2A153J	CHIP R 15K J 1/10W	
R79		RK73FB2A202J	CHIP R 2.0K J 1/10W	
R80		RK73FB2A162J	CHIP R 1.6K J 1/10W	
R81		RK73FB2A273J	CHIP R 27K J 1/10W	
R82		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R83		RK73FB2A561J	CHIP R 560 J 1/10W	
R91 ,92		RK73FB2A332J	CHIP R 3.3K J 1/10W	
R93 ,94		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R95 ,96		RK73FB2A203J	CHIP R 20K J 1/10W	
R101-106		RK73FB2A203J	CHIP R 20K J 1/10W	
R107,108		RK73FB2A681J	CHIP R 680 J 1/10W	
R201,202		RK73FB2A392J	CHIP R 3.9K J 1/10W	
R203,204		RK73FB2A204J	CHIP R 200K J 1/10W	
R205		RK73FB2A472J	CHIP R 4.7K J 1/10W	
W1		R92-2052-05	CHIP R 0 J 1/10W	
W11 -13		R92-2053-05	CHIP R 0 J 1/8W	
S1 ,2		S68-0822-05	PUSH SWITCH	
S3		S68-0823-05	PUSH SWITCH	
D1 ,2		DAN202K	DIODE	
D11		DAN202K	DIODE	
IC1		AN8806SB	ANALOGUE IC	
IC2	*	MN662747RPH	MOS-IC	
IC3		M37471M8-371FP	MI-COM IC	
IC4		BA6790FP	ANALOGUE IC	
IC5		TA78L05F	IC(VOLTAGE REGULATOR/ +5V)	
IC6		NJM4565MD	IC(OP AMP X2)	
Q1		2SA1362(Y)	TRANSISTOR	
Q2		DTC124EK	DIGITAL TRANSISTOR	
Q3 ,4		2SA1362(Y)	TRANSISTOR	
Q5		DTC124EK	DIGITAL TRANSISTOR	
Q6		2SA1037K	TRANSISTOR	
Q12		DTC124EK	DIGITAL TRANSISTOR	
MECHANISM ASSY (X92-3120-00)				
1	2A	A10-4224-41	CHASSIS	
2	1B	A10-4225-33	CHASSIS CALKING ASSY	
3	2B	A11-0915-23	SUB CHASSIS CALKING ASSY	
4	3B	D02-0209-13	TURNTABLE PLATTER	
5	2A	D10-3082-13	ARM	

KDC-7009/7060R/RYPARTS LIST

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	N e w	Parts No.	Description
5A	2A	D10-4038-23	ARM ASSY
6	2A	D10-3083-34	ARM ASSY
7	2A	D10-3084-34	ARM ASSY
8	3A	D10-3087-44	ARM ASSY
9	2B	D10-3092-03	SLIDER
10	3B	D10-3093-04	SLIDER ASSY
11	2B	D10-3095-04	SLIDER ASSY
12	2B	D10-3096-04	SLIDER ASSY
13	1A	D10-3099-24	SLIDER ASSY
14	1A	D10-3100-04	SLIDER ASSY
15	2A	D10-4003-23	LEVER
16	1B	D10-4004-04	LEVER ASSY
17	1B	D10-4006-04	LEVER
18	1A	D10-4007-04	LEVER
19	2B	D10-4008-04	LEVER
20	2A	D10-4009-23	ARM
21	3A	D10-4010-04	LEVER
22	3A	D10-4011-34	LEVER ASSY
23	3A	D10-4013-14	ARM ASSY
24	3B	D10-4050-04	ARM
27	3B	D13-1340-13	RACK (GEAR)
28	3B	D13-1230-14	WORM
29	3B	D13-1231-04	GEAR
30	3A	D13-1232-04	GEAR
31	3B	D13-1233-04	GEAR
32	3B	D13-1234-14	GEAR ASSY
33	3A	D13-1238-03	GEAR
34	3B	D13-1240-04	GEAR
35	3B	D13-1241-04	GEAR
36	3B	D13-1242-04	GEAR
37	1B	D13-1243-04	GEAR
38	1B	D13-1244-04	GEAR
39	1B	D13-1245-14	GEAR
40	2A	D13-1246-04	GEAR
41	2B	D13-1247-04	GEAR
42	2B	D13-1248-34	GEAR
43	2B	D13-1249-04	GEAR ASSY
45	1B	D14-0668-04	ROLLER
46	1A	D14-0670-04	ROLLER
47	3B	D14-0674-04	ROLLER
48	2B	D19-0613-24	LEAD SCREW
49	3A	D21-2228-04	SHAFT
50	1A	D21-2229-04	SHAFT
51	1A	D23-0925-24	RETAINER
52	2A	D32-0614-04	STOPPER
53	1B	D39-0223-05	DAMPER
54	2B	D39-0224-05	DAMPER
55	3B	F09-1246-04	SHEET
60	2A	G01-2770-04	EXTENSION SPRING
61	3A	G01-2771-04	EXTENSION SPRING
62	3A	G01-2772-24	EXTENSION SPRING
63	3A	G01-2773-14	EXTENSION SPRING
64	3A	G01-2774-34	EXTENSION SPRING

K2:KDC-7009

E4:KDC-7060R

E5:KDC-7060RY

MECHANISM ASSY (X92-3120-00)

Ref. No.	N e w	Parts No.	Description
65	1B	G01-2775-04	TORSION COIL SPRING
66	1B	G01-2776-14	TORSION COIL SPRING
67	3B	G01-2777-14	TORSION COIL SPRING
68	3A	G02-1250-04	FLAT SPRING
69	2A	G01-2844-04	EXTENSION SPRING
70	2A	G02-1231-04	FLAT SPRING
71	2B	G02-1232-14	FLAT SPRING
72	2A	G02-1241-24	FLAT SPRING
73	2A	G02-1248-14	FLAT SPRING
75	2A	J11-0613-13	CLAMPER
76	3A	J19-4678-13	HOLDER
77	2B	J19-4679-24	HOLDER
78	3B	J21-7684-03	MOUNTING HARDWARE
79	2A	J21-7686-03	MOUNTING HARDWARE
80	1B	J21-7690-03	MOUNTING HARDWARE
81	3A	J31-1032-04	COLLAR
82	3A	J84-0060-05	FLEXIBLE PRINTED WIRING BOARD
83	1A	J90-0757-22	GUIDE
A	2A	N09-4249-05	MACHINE SCREW (M1.7X2.5,LOCK)
B	1B	N09-4172-05	TAPPING SCREW (2X3.5,Cタイプ)
C	2B	N09-4202-05	STEPPED SCREW
D	2A	N38-2020-46	PAN HEAD MACHIN SCREW
E	3A	N82-2006-45	BINDING HEAD TAPTITE SCREW
F	3B	N19-2023-04	FLAT WASHER
G	3A	N19-2093-04	FLAT WASHER
M1	3B	T42-0764-04	MOTOR ASSY
M2	3B	T42-0763-04	MOTOR ASSY
PU1	2B	T25-0209-05	OPTICAL PICKUP HEAD

△ indicates safety critical components.

KDC-7009/7060R/RYSPECIFICATIONS

KDC-7009

FM tuner section

Frequency range (Frequency step) 87.9MHz~107.9MHz (200kHz)
Channel space selection Fix
Usable sensitivity (S/N : 30dB) 9.3dBf (0.8μV/75Ω)
Quieting sensitivity (S/N : 50dB) 15.2dBf (1.6μV/75Ω)
Frequency response (±3.0dB) 30Hz~15kHz
Signal to Noise ratio (MONO) 70dB
Selectivity (dB) ≥ 80dB (±400kHz)
Stereo separation (1kHz) 40dB

AM tuner section

Frequency range (Frequency step) 530kHz~1700kHz (10kHz)
Channel space selection fix
Usable sensitivity (S/N : 20dB) 28dBμ (25μV)

CD section

Laser diode GaAlAs (λ =780nm)
Digital filter (D/A) 8 times over sampling
D/A converter 1 Bit
Spindle speed 500~200 (CLV)
Wow & Flutter Below measurable limit
Frequency response (±1dB) 10~20kHz
Total harmonic distortion 0.01% (1kHz)
Signal to Noise ratio (1kHz) 93dB
Dynamic range 93dB
Chanel separation 85dB

Audio section

Preout level (mV)/Load (CD/CD-CH)
Unbalanced 1800mV/10kΩ
Preout impedance 600Ω
Amp power
Max 40W x 4
Full bandwidth (at less than 1% THD) 22W x 4
Tone action
Bass 100Hz±10dB
Treble 10kHz±10dB

General

Operating voltage 14.4V (11~16V allowable)
Current consumption 10A
Installation size (W x H x D) 182 x 53 x 165 (mm)
..... 7-3/16 x 2-1/16 x 6-1/2 (inch)
Weight (4.4lbs) 2.0kg

KDC-7060R

FM tuner section

Frequency range (Frequency step) 87.5MHz~108.0MHz (50kHz)
Usable sensitivity (S/N : 26dB) 0.7μV/75Ω
Quieting sensitivity (S/N : 46dB) 1.6μV/75Ω
Frequency response (±3.0dB) 30Hz~15kHz
Signal to Noise ratio (MONO) 65dB
Selectivity (DIN) (dB) ≥ 80dB (±400kHz)
Stereo separation (1kHz) 35dB

MW (AM) tuner section

Frequency range 531kHz~1611kHz (9kHz)
Usable sensitivity (S/N : 20dB) 25μV

LW tuner section

Frequency range (Frequency step) 153kHz~281kHz
Usable sensitivity (S/N : 20dB) 45μV

CD section

Laser diode GaAlAs (λ =780nm)
Digital filter (D/A) 8 times over sampling
D/A converter 1 Bit
Spindle speed 500~200 (CLV)
Wow & Flutter Below measurable limit
Frequency response (±1dB) 10~20kHz
Total harmonic distortion 0.01% (1kHz)
Signal to Noise ratio (1kHz) 93dB
Dynamic range 93dB
Chanel separation 85dB

Audio section

Preout level (mV)/Load (CD/CD-CH)
Unbalanced 1800mV/10kΩ
Preout impedance 600Ω
Amp power
Max 40W x 4
DIN45324.+B=14.4V 27W x 4
Tone action
Bass 100Hz±10dB
Treble 10kHz±10dB

General

Operating voltage 14.4V (11~16V allowable)
Current consumption 10A
Installation size (W x H x D) 182 x 53 x 165 (mm)
Weight 2000g

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD CORPORATION

14-6, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150 Japan
KENWOOD SERVICE CORPORATION
P.O. BOX 22745, 2201 East Dominguez Street, Long Beach, CA90801-5745, U.S.A.
KENWOOD ELECTRONICS CANADA INC.
6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8
KENWOOD ELECTRONICS LATIN AMERICA S.A.
P.O. BOX 55-2791, Piso 6, Plaza Chase, Cl. 47 y. Aquilino de la Guardia, Panama, Republic of Panama
KENWOOD ELECTRONICS BRASIL LTDA.
Avenida Indianópolis, 628, 04062-001 Planalto Paulista, São Paulo-SP-Brasil
KENWOOD ELECTRONICS UK LIMITED
Kenwood House, Dwight Road, Watford, Herts, WD1 8EB United Kingdom
KENWOOD ELECTRONICS DEUTSCHLAND GMBH
Rembrücker-Str. 15, 63150 Heusenstamm, Germany
KENWOOD ELECTRONICS FRANCE S.A.
13, Boulevard Ney, 75018 Paris, France
KENWOOD ELECTRONICS BELGIUM N.V.
Mechelsesteenweg 418, B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS ITALIA S.p.A.
Via G. Sirtori 7/9, 20129 Milano, Italy
KENWOOD IBÉRICA S.A.
Bolivia, 239-08020 Barcelona, Spain
KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001 499 074)
8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia
KENWOOD & LEE ELECTRONICS, LTD.
Unit 3712-3724, Level 37, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong, N.T., Hong Kong
KENWOOD ELECTRONICS GULF FZE
P.O. Box 61318, Jebel Ali, Dubai, U.A.E.
KENWOOD ELECTRONICS (THAILAND) CO., LTD.
573/111 Soi Ramkhamhaeng 39, Ramkhamhaeng Road, Wangthonglang, Bangkok, 10310 Thailand
KENWOOD ELECTRONICS SINGAPORE PTE. LTD.
1 Genting Lane #07-00, Kenwood Building, Singapore, 349544
KENWOOD ELECTRONICS (MALAYSIA) SDN BHD
#4.01 Level 4, Wisma Academy, Lot 4A, Jalan 19/1, 46300 Petaling Jaya selangor Malaysia